

# SPECIAL EDITION

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MYSTERY



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**3-Minute Mysteries**  
**Mystery Crosswords**  
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# GAMES

SPECIAL EDITION

## Logic & Mystery

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# SIMPLE DEDUCTION

**D**o you ever find yourself using your puzzle-solving skills in everyday life?

Last Thanksgiving I did—in a purely trivial way—while visiting my sister on her farm in upstate Michigan. Out for a walk together, we discovered a mysterious series of small carrots strewn along the gravel road outside her property, each spaced 10 to 15 feet apart from the next. How did they get there, we wondered?

Since hunting season was open, I first supposed that a hunter had purposely dropped the carrots there in order to lure deer into the open from the nearby woods.

No, my sister said, the carrots probably spilled out of the back of a farmer's wagon or pick-up truck as he or she drove along the road.

Aha, I said, if that was true, then we should find that the number of carrots varies with the slope of the road. More carrots would fall out of a truck or wagon going uphill than they would as it went down. We checked. Walking downhill we found more carrots spaced closer together. Walking uphill we found no carrots at all. Therefore, we corroborated our truck theory and deduced that the vehicle had traveled *opposite* to the direction we were walking.

We had no answer page, of course, on which to check our solution, so we'll never know positively whether or not we were correct. Thus you see one of the advantages of GAMES over real life: All the answers to our puzzles are given in the back!

This Special Edition, as you've probably already deduced, is devoted completely to logic problems and mystery puzzles, two of the most popular features in GAMES. Both types of puzzles are solved by deductive reasoning. The difference between them is that in logic problems, all the clues are expressly stated, while in mystery puzzles, generally you must combine the stated clues with what you know of the outside world.

In this issue you'll find 40 logic problems ranging in difficulty from easy to hard, concluding with one of Al B. Perlman's infamous "Evil Cerebral" brain-bashers (pages 70-71 and 73), which will take hours—if not days—to finish. You've been warned!

Also inside are five "Three-Minute Mysteries," three "Photo-crimes," two "Baffle Mysteries," and other mystery problems that should keep all budding Sherlock Holmeses happily occupied for a long time. Not to be missed are the two "Crossword Mysteries" (pages 14-15 and 60-61) and Henry Hook's giant through-the-house "Treasure Hunt" (pages 40-43).

For the record, the "Photocrimes," "Baffle Mysteries," "Three-Minute Mysteries," and "Evil Cerebral" are some of our favorite puzzles from old books and magazines, which we take pride in presenting anew to a larger public. The other puzzles are all original and appear here for the first time.

Pencils ready? Brains engaged? You may turn the page.

*Will Shortz*

Will Shortz

GAMES Senior Editor



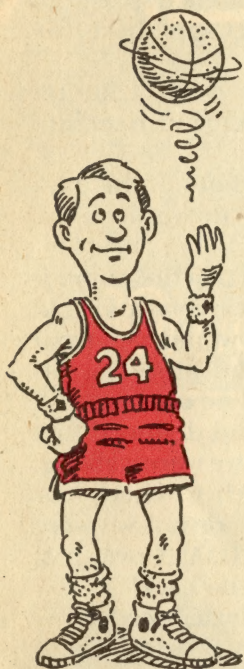
# GAMES

SPECIAL EDITION

MARCH/APRIL 1989

VOL. 3 NO. 2 (ISSUE 11)

## LOGIC & MYSTERY



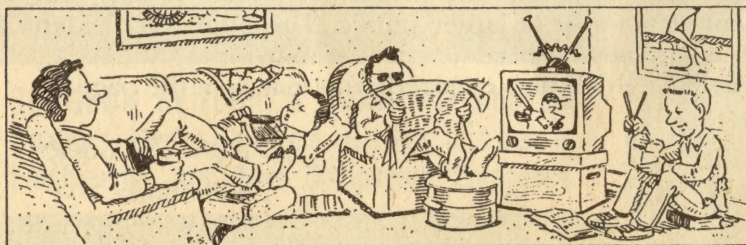
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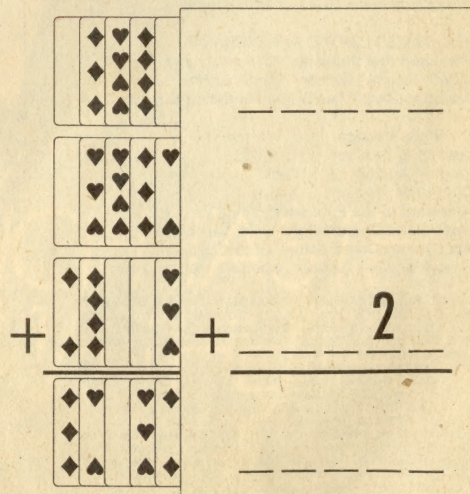
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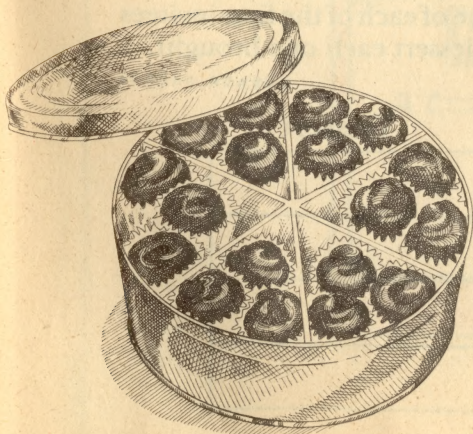
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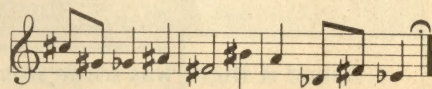
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# INVITATION TO BE LOGICAL

BY MARY MARKS CEZUS



**F**our young women (whose first names were Carol, Holly, Merry, and Star; and whose last names, in no special order, were Berry, Holiday, Snow, and Wreath) received invitations from their mutual friend Angel Winters to attend a Yuletide party. Their beloved but scatterbrained

hostess asked each of them to contribute one dessert and one drink to the party that no one else would bring; but, comparing notes, the friends found that their invitations contained some duplications. The four invitations looked like this:

Star  
Cider  
Plum pudding

Ms. Holiday  
Grog  
Fruitcake

Ms. Wreath  
Eggnog  
Gingerbread

Merry  
Cider  
Plum pudding

Asked if there was some mistake, Angel Winters sent a second invitation to each friend, explaining, "Last time, I asked each of you for the right drink or the right dessert, but not both."

The second invitations, however, caused as much confusion as the first. Comparing notes again, the friends found that their new invitations (in no special order) looked like this:

Merry  
Eggnog  
Mince pie

Carol  
Punch  
Fruitcake

Ms. Berry  
Punch  
Gingerbread

Ms. Wreath  
Grog  
Fruitcake

Asked what went wrong, Angel Winters again replied that she had asked each person for the right drink or the right dessert, but not both.

In exasperation, Holly asked her friends to send all their invitations to Carol, who was known to be very logical. Sure enough, Carol soon

sorted out the whole mess. The next week, the party was held, and four different drinks and four different desserts were enjoyed by all.

From this account, you should be able to determine the full name of each of the four invitees and the drink and dessert each one brought.

ANSWER, PAGE 74

First name	Last name	Drink	Dessert



# SUPPLIES AND DEMANDS

BY CAROL EASTMAN

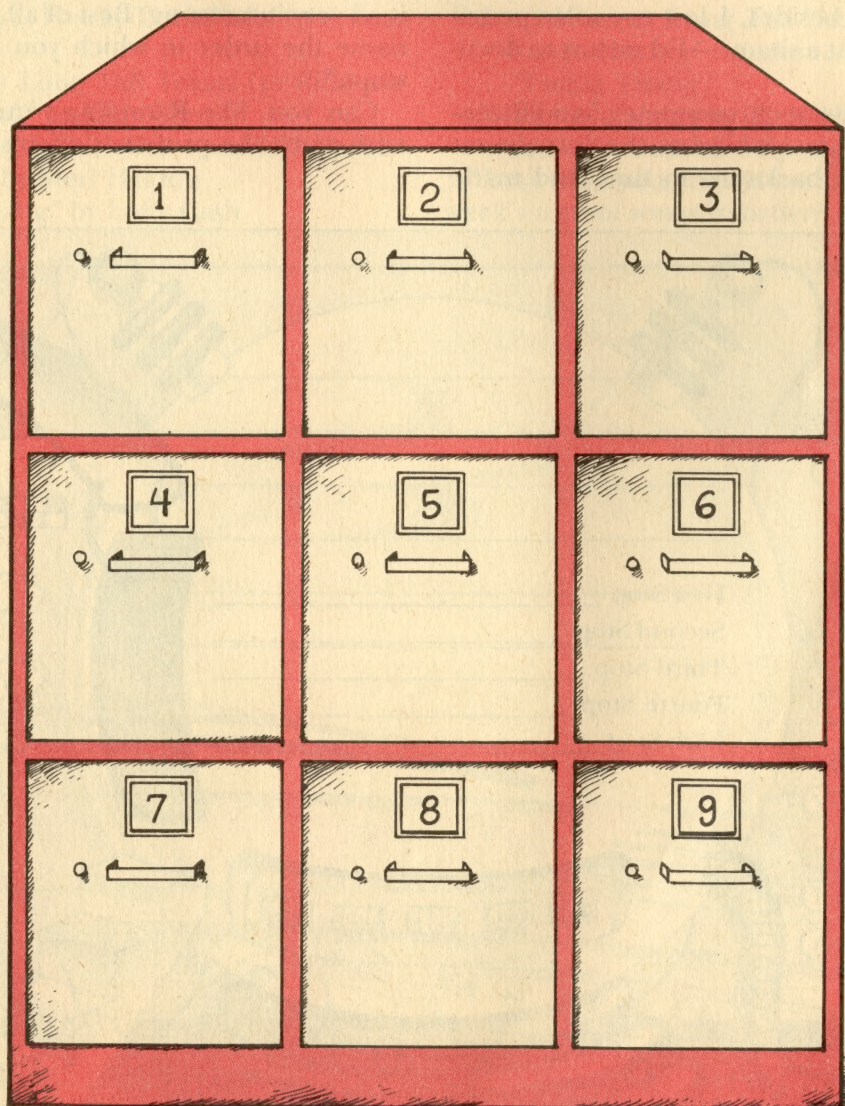


**W**here's that new stock clerk? It's 9 o'clock!" cried the office manager. "And the supply cabinet is completely empty!" At 9:02, the clerk stumbled in, tripping over a phone cord. The office manager counted silently to ten and said, "Here, since you're new, I'll tell you exactly where to put everything. File folders go in the top row, telephone message pads go in the middle row, and pens go in the bottom row, but each is in a different column. Computer disks are in the

left column, index cards go in the center column, and Scotch tape goes in the right column, but each of these is on a different level. Legal pads are just above and to the right of the staplers, and typewriter ribbons go just below the Scotch tape. Now hurry and put all these supplies in the cabinet. I'll be back to see that they're in the right places."

Can you help the hapless stock clerk put the office supplies in the correct places?

ANSWER, PAGE 75





# RAMPLING'S MAIDEN VOYAGE

BY EMILY COX AND HENRY RATHVON

★★

If I had known time travel would be so much trouble," said Professor Rampling to his young assistant, "I never would have invented it!" He aimed a kick at the machine—a transparent bubble with inset control panels—from which he had emerged dazed and rubber-legged just moments earlier.

"It's not the motion itself that's so upsetting," Rampling went on, "if you don't mind a sort of somersaulting effect." He mopped his brow. "The worst part is the way all the stops get jumbled in your mind. I was too disoriented to take notes, and besides, I lost my solar pencil somewhere. What a shame—I'd meant to document this trip."

"According to your chronometer," said the assistant, stooping to look in at the instrument panel, "you went backward in time and made

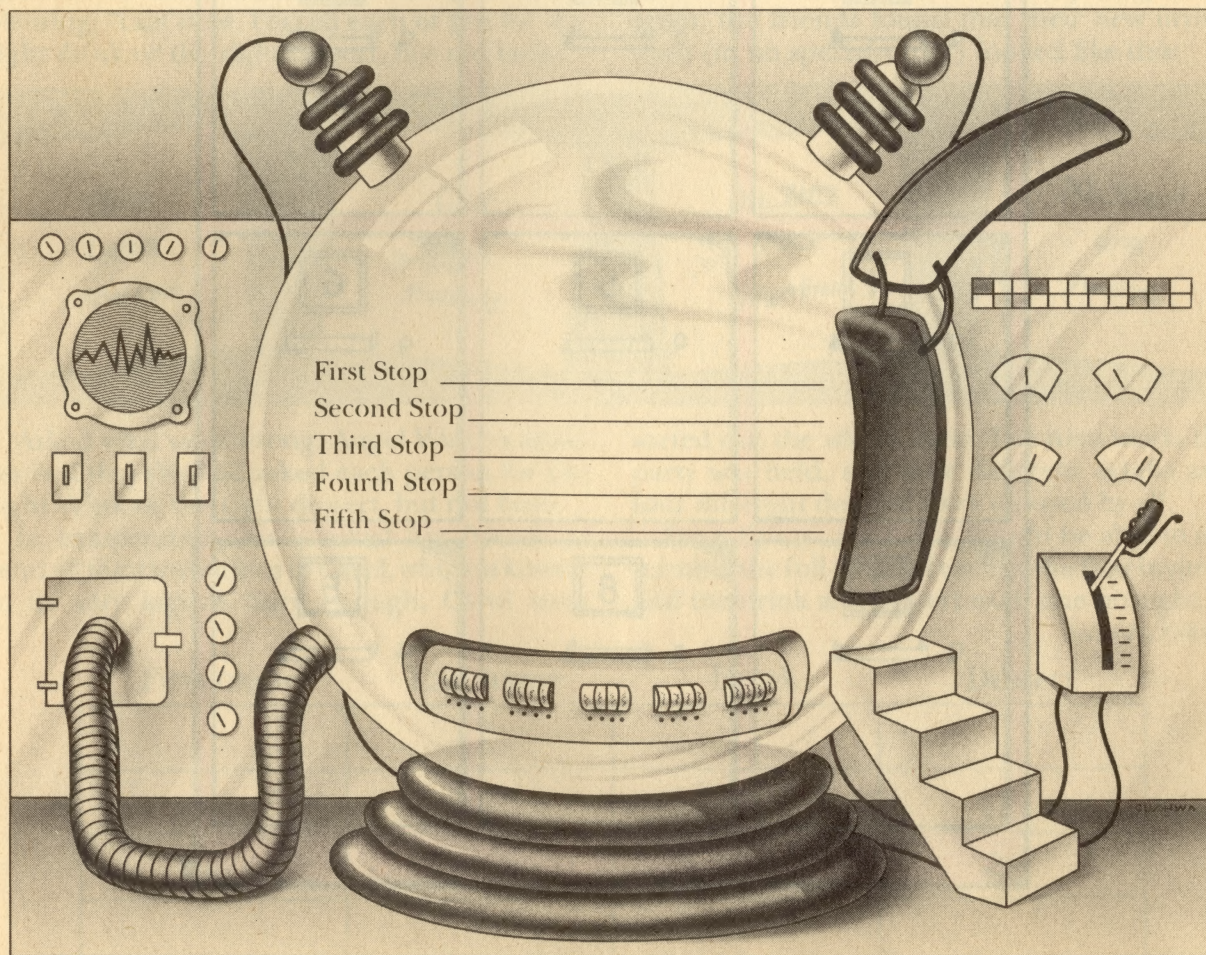
contact with five years in the past—1850, 1900, 1950, 2000, and 2050—though in what order, it's not clear. Can't you remember any details?"

"Well, yes, a few," said Rampling. "I never traveled more than 200 years at a time. Also, I never went forward in time twice in a row or backward twice in a row. Perhaps an oscillating movement is inherent in time travel. I remember that anti-gravity shoes had just been invented when I made my fifth stop—they were quite the rage! But I suppose this is just useless babbling."

"Not at all!" cried the assistant. "What you say is all very interesting. Best of all, it enables us to name the order in which you made your five stops."

Can you, like Rampling's quick-witted assistant, name the professor's five stops in order?

ANSWER, PAGE 79





# COUNTRY HITS

BY GENE FOX

★★

I happened to be driving my rig on the North Carolina backroads last weekend, when I picked up a radio station whose call letters were WMOO. The disk jockey was playing some of the best good-time country-and-western music I'd heard in many a long day's drive. WMOO had its own local "Top Ten" songs, and I listened to six of them before my rig passed behind a mountain and I lost the signal. The six songs were, in order:

1. "Plain Folks Are Just Plumb Beautiful" by Merl Horton
2. "(She Wore a) Honky-Tonk Halo" by Ernest Williams
3. "(I Want a) Long Tall Texan (to Ride my Pony Home)" by Kitty Cline
4. "She Threw Me Back Out—and I Threw My Back Out" by Merl Horton
5. "Twang Thang" by Lefty Cash

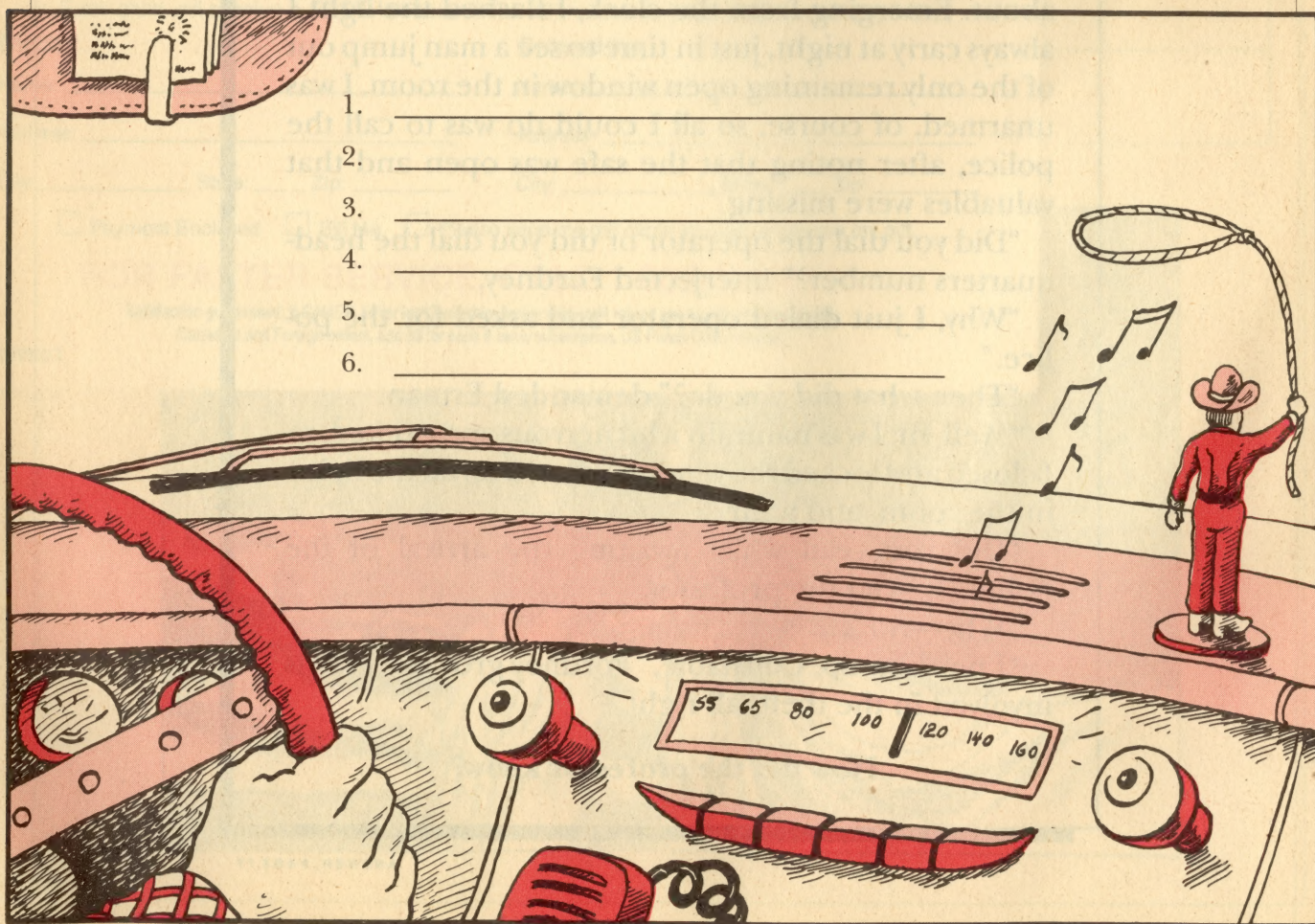
6. "I Don't Know Which Is Broker—His Pick-up or My Heart" by Wynonna Parton

This weekend, on my way back through North Carolina with a load of sod in my truck, I heard WMOO playing its "Top Ten" again. The same songs occupied the top six places, but no song was in the same position it had occupied one week earlier. Giving it some thought, I noticed the following facts:

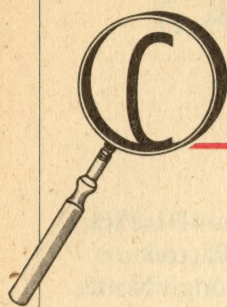
1. Three songs had dropped a total of five places.
2. "(I Want a) Long Tall Texan (to Ride my Pony Home)" remained higher than "Twang Thang."
3. The two songs by Merl Horton remained the same number of places apart.

From what you know now, can you name this week's top six songs in order?

ANSWER, PAGE 78







## CRIMES AT MIDNIGHT

BY H.A. RIPLEY



**N**ow, Burton, tell us what you know about this robbery," said Constable Erman in the presence of Professor Fordney.

"Well, sir," replied the Ragsdales' butler, "all of the family were out and the other servants had retired. I was locking the windows on the first floor at 11:45 P.M., as is my custom, when I thought I heard a noise. I quickly turned out the lights and hid in the old grandfather clock standing near one of the south windows in the library. That's near where the safe is, you know. About 15 minutes later the old clock chimed 12 and shortly after I thought I heard someone again moving about. Emerging from the clock, I flashed the light I always carry at night, just in time to see a man jump out of the only remaining open window in the room. I was unarmed, of course, so all I could do was to call the police, after noting that the safe was open and that valuables were missing."

"Did you dial the operator or did you dial the headquarters number?" interjected Fordney.

"Why, I just dialed operator and asked for the police."

"Then what did you do?" demanded Erman.

"Well, sir, I was naturally a bit nervous and excited, so I closed and locked the window, turned on all the lights in the room, and waited."

"Did you read while awaiting the arrival of the police?" asked the professor.

"Why—no, I..."

"Lock him up, Constable," Fordney growled. "He is involved in the theft, all right."

**How did the professor know?**

ANSWER, PAGE 77



# MEDICAL CIRCLES

BY DODI SCHULTZ



**T**he three married couples Rawalpindi, Shiraz, and Tabriz have one thing in common (besides the fact the husbands have adopted the wives' last names): All six persons are general practitioners of medicine. And each of the six—Angela, Betty, Carla, Don, Edgar, and Frank—has, as it happens, one patient among the other five. Needless to say (or is it?), no doctor has his

follow, can you find each physician's full name and tell who's treating whom in this medical circle?

ANSWER, PAGE 75

1. Angela is the physician for one Dr. Rawalpindi, Betty the physician for the other.
2. Carla is the patient of one Dr. Tabriz, Frank the patient of the other.

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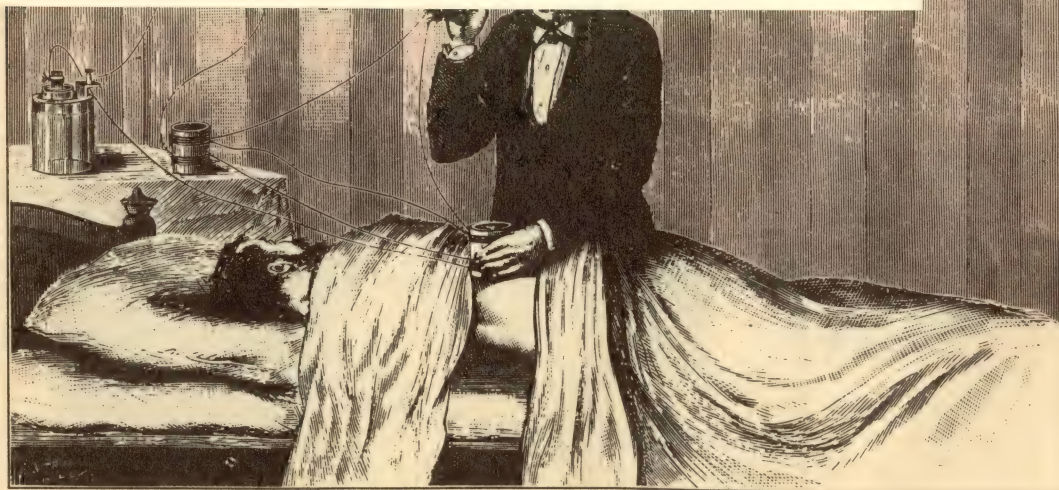
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THREE-MINUTE MYSTERY



# CRIMES AT MIDNIGHT

BY H.A. RIPLEY



**N**ow, Burton, tell us what you know about this robbery," said Constable Erman in the presence of

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"Then what did you do?" demanded Erman.

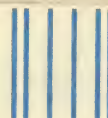
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ANSWER, PAGE 77



# MEDICAL CIRCLES

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follow, can you find each physician's full name and tell who's treating whom in this medical circle?

ANSWER, PAGE 75

1. Angela is the physician for one Dr. Rawalpindi, Betty the physician for the other.
2. Carla is the patient of one Dr. Tabriz, Frank the patient of the other.
3. Betty consults a Dr. Shiraz.
4. Edgar's doctor is Don.

	RAWALPINDI	SHIRAZ	TABRIZ
Wife			
Wife's doctor			
Husband			
Husband's doctor			





# WINDOW BOXES

BY CAROL EASTMAN



A charming apartment building in the old section of town has four apartments, one to a floor. The four tenants of these apartments are Marjorie, Rosemary, Basil, and Herb; their last names, in no particular order, are Waters, Gardiner, Stayman, and Bloom. In keeping with a neighborhood beautification plan, the four of them decided that each one would put a window box of flowers beneath his or her front window. They each planted a different kind of flower, choosing among geraniums, begonias, petunias, and impatiens.

From the following clues, can you match up the first and last names of each tenant, the floor each tenant lives on, and the kind of flowers he or she planted?

ANSWER, PAGE 76

1. One of the tenants decided to plant a flower whose initial letter matched one of his or her initials. The other three merely picked flow-

ers that they liked and did not pick flowers matching their initials.

2. Rosemary is thrilled with the color contrast between her flowers and the begonias on the floor just above her.

3. When Marjorie leans out her window, she can glimpse the impatiens planted in the box one floor below, but not Mr. Stayman's flowers on the floor just below that.

4. Basil has a habit of overwatering his flowers, which causes drops to fall onto Ms. Bloom's window box on the floor below.

5. Herb was worried that the proliferation of geraniums one floor above would cast too much shade on his tender shoots, but Herb's flowers grew to a magnificent display.

	Waters	Gardiner	Stayman	Bloom	1	2	3	4	geraniums	begonias	petunias	impatiens
Marjorie												
Rosemary												
Basil												
Herb												
geraniums												
begonias												
petunias												
impatiens												
1												
2												
3												
4												



# CLASS ACT

BY ROBERT E. NELSON

★★

**B**elieve it or not, the top 10 graduating seniors from the high school in Cracked Bell, Wisconsin, all applied to the same institute of higher learning: the prestigious Crawling Ivy College in Horizontal Hills, North Dakota. To continue the coincidence, these 10 students (Alice, Betty, Cora, Dot, Elsa, Frank, George, Harry, Ivan, and Jack) soon became the top 10 grade-getters at Crawling Ivy. At a party celebrating the end of their freshman year, the 10 friends cordially compared their overall grade averages, estab-

lishing a 1-to-10 ranking. When they did so, the following facts emerged:

1. Elsa was ranked one space above Dot.
2. Alice was two spaces above Betty.
3. Cora was three spaces above George.
4. Ivan was four spaces above Frank.
5. Jack was five spaces above Harry.
6. George was four spaces above Elsa.

Based on this information, a brainy thinker can name the students in order from top to bottom. Can you?

ANSWER, PAGE 77

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_





# B'S AND C'S

BY DODI SCHULTZ



**B**y the strange sort of coincidence that occurs only in logic puzzles, the B-line and C-line apartments on the second through fourth floors of a building are all occupied by people whose first names fit their apartments' letters—the B-line tenants being (in no special order) Ben, Betty, and Bob, and the C-line occupants Carl, Carol, and Chuck. Stranger still, the last names of all six begin with either B or C, though not necessarily matching either first names or apartment letters; their last names are Baker, Banner, Benson, Brown, Calley, and Cook. From the clues below, see if you can figure out the full

names of the six tenants and who lives where.

ANSWER, PAGE 76

1. Ben lives next door to Cook and on a lower floor than Chuck.
2. Carl lives next door to Benson and on a higher floor than Bob.
3. Brown lives in the same line as Calley.
4. Bob doesn't live next door to Carol.
5. Banner lives on a higher floor than Brown, who isn't Ben.

	B	C	
First name			4th Floor
Last name			
First name			3rd Floor
Last name			
First name			2nd Floor
Last name			





# BIRDS OF A FEATHER

BY MARY MARKS CEZUS

★★

**P** residents of bird watchers' clubs from all over the country were invited to the fledgling "Birds of a Feather" convention in Bird in Hand, Pennsylvania. The secretary of the convention, a flighty female named Mavis Thrush, was confused about four of the club presidents' identities, and could not make their first names (females Phoebe and Robin, males Jay and Martin), last names (Byrd, Crowe, Swanson, and Wing), club names (Cardinals, Pheasants, Swallows, and Waxwings), and communities (Dove Creek, Pelican Rapids, Sparrows Point, and Wrens) dovetail. She did, however, take careful notes (shown below), from which an impeccable logician should be able to match up names, clubs, and communities.

ANSWER, PAGE 76

community; nor does any person's club and community begin with the same letter.

1. No bird watcher's first or last name begins with the same letter as his or her club or

2. When Martin confided to the president of the Swallows and Crowe that he had forgotten his speech notes, they told him to wing it.

3. The president of the Pheasants was referred to as a "birdbrain" by both Swanson and the woman from Wrens.

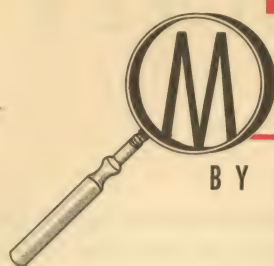
4. Ms. Wing was proud as a peacock to introduce Phoebe to the president of the Cardinals.

5. The person from Sparrows Point accused Jay of having a big beak.

6. The president of the Cardinals cackled at the Pelican Rapids resident.

	Byrd	Crowe	Swanson	Wing	Cardinals	Pheasants	Swallows	Waxwings	Dove Creek	Pelican Rapids	Sparrows Point	Wrens
Phoebe												
Robin												
Jay												
Martin												
Dove Creek												
Pelican Rapids												
Sparrows Point												
Wrens												
Cardinals												
Pheasants												
Swallows												
Waxwings												





## MY FIRST CASE

BY EMILY COX AND HENRY RATHVON

★★

The missing words in this story will solve the puzzle, and vice versa—solving the puzzle will decipher the story. (A = Across; D = Down)

It's funny—**42A** Harbor always **15D** me of my first case, that **13D** day in the last **31A** of 1986 when, on a snowy morning, a distress call reached my office. When the phone rang, I could hardly believe my **43A**: an actual client, telling me that a **27A** had been stolen!

My mind aswirl with visions of riches by the sackful, I roused myself from the **10D** daze, the **25D** torpor (practically a **47D**) in which I'd languished since renting the office from my greedy **26D**, our family slumlord. I grabbed my keys, my coat, and my purse and hopped into my little **36A** (the only thing I'd kept after my **20A** from my husband), and headed out Grove St. to Maple and Oak **12A**, and then to **33A** 80, toward an out-of-town address. The snow was heavy, and the heater in my **36A** wasn't working. What was true in the beginning remains true: Nobody ever **35A** a shamus on a nice day.

As I struggled along at about 20 miles **7D** hour, thinking about the **27A**, I pictured a rich widower or a wealthy **35D** who would gladly **1A** a **51A** young gumshoe like me **42D** of dough to recover the goods. But when I arrived, the building didn't

look **29D** (2 wds.) swanky nor the grounds especially **9D**, with their unkempt thorny **28D** bushes (though the **44D** yard did **36D** a little pond with a man-made **19A** in it where some ducks, possibly **39A**, were huddled). Inside, in the lobby, a crude sign gave the abbreviated message: "**45D** for rent. Call Jack Lambert, **59A**." Another lawyer slumlord, I noted sourly.

The name on the door of the first-floor **44A** was Delgado, so when a teenaged boy answered my knock, I said, "*Como 50D usted?*" The kid just stared. Maybe with all the snow on my coat, I looked like a wild **3D** of Tibet. Certainly I was shivering like an **6D** sufferer.

"Who's the client here, **1D**?" I asked. (Calling people "**1D**" was, I figured, part of the **8A** private-eye patter I had to learn.) "My **27A** is missing!" answered the kid.

So *he* was my client. I looked him over: a pretty nerdy specimen, I thought, with acne **27D** on his puffy face and a nasal voice probably due to a bad case of **40A**.

"Just what valuables," I asked him, "did this **27A** of yours contain?"

"Well," he said, "there's a

**42A** inside that's very **8D**."

I didn't mean to be **16A**, but I felt my eyebrow **34A**. Why would this kid have a **42A**? And why was it **8D**?

"Where did you last see it?" I asked.

He pointed to a door.

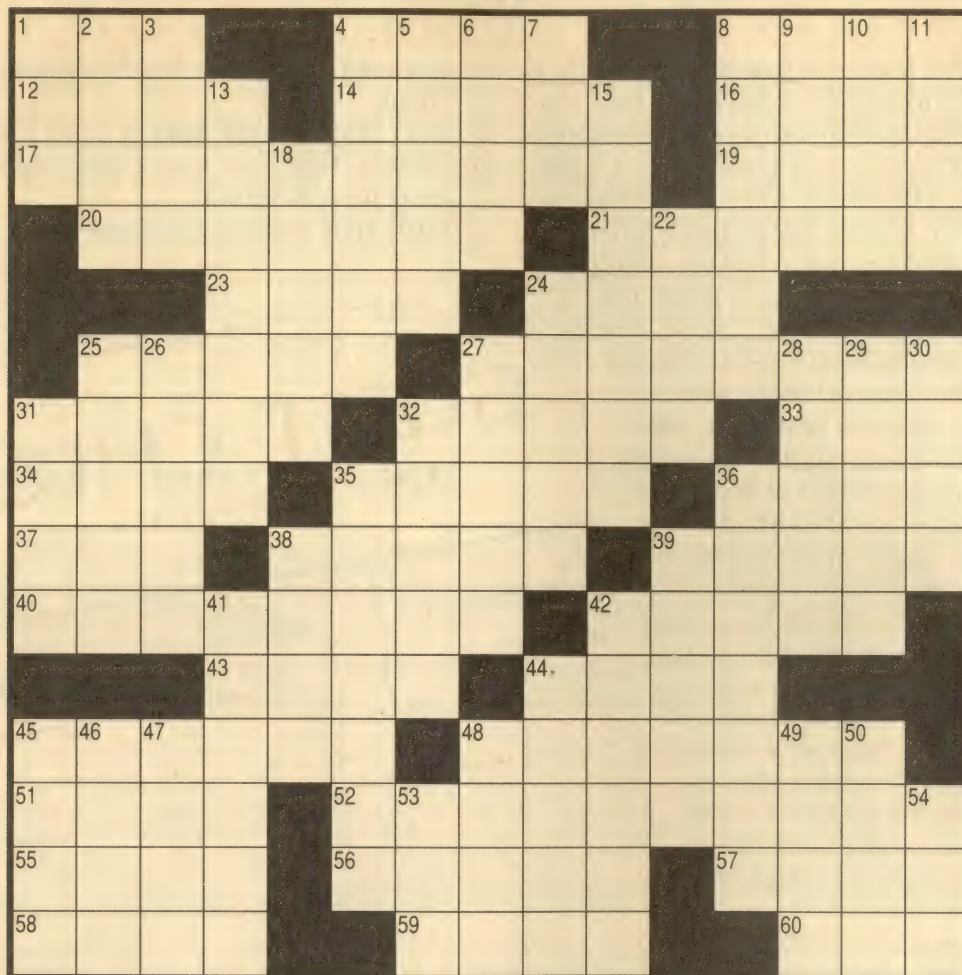
"**58A** here," I said.

"Looking through my **55A**," said the kid, "will be rough."

His **55A**? What kind of a **56A** was he trying to pull? Was this kid a kidder, a mere **39D**? I had to wonder. But I was so **14A** to start my **4D** that I stepped into his bedroom. What I confronted was a scene of typical adolescent disarray, certainly not bad enough to bury anyone in. I spied heaps of clothes, the gear of an **2D** sports nut (including a baseball **49D** with the price **60A** still attached), a **25A** of records (mostly by rock **32A**, though in addition to Van Halen and **38D** Jett I did see **57A** James and **37A** Torme, so maybe the **38A** kid wasn't a completely twerpy lowbrow), plus some scattered foodstuffs (old pizza slices, a bottle of A&W **46D** **11D** with some insect, probably a **18D**, crawling **41D**)—but not the slightest **24A** of the **27A**.

Just then the kid gave a cry, and I darted into the hallway in





time to see a woman standing there. She looked prim, the sort of lady you'd expect to find at church and **53D** meetings at school, yet she was holding, unfolded, a sample of periodical **17A** not usually associated with her type.

"**31D**," the boy was whining, his face in a sullen **48D**, "how could you rake that from my **55A**?"

What was going on? "That's

no **27A**!" I cried, a bit stupidly.

"No, I'm sorry," said the boy's smiling **21A**, "but you see, in this family, we tend to **5D** our **32D**."

**5D 32D**? What did the class **12A** have to do with anything? Then it hit me. **23A** time the kid and his **21A** spoke, they'd uttered a **52A**! (I **48A** you know that this involves a **4A** of sounds.)

So it all made sense, as I

gazed at the periodical **17A**, the **54D** with the telltale **43A** on the **44D**.

Case solved, then. And I'll tell you, no matter how cryptically **45A** any case **30D** (and I've had some obscure **22D** over the years), none matches that first caper for quirky humor. I didn't even mind that they couldn't **1A** me. As I said to them in parting, "**37A**, **24D** isn't everything."

ANSWER, PAGE 72



# RESTAURANT ROW

BY DODI SCHULTZ

★ ★

In the town of Swallow Rocks, Arizona, is a block known locally as "Restaurant Row" because of its eight different dining establishments. These eight—Chicks', Crumpet's, Far East, Little Italy, The Pier, The Ranch, Snax, and Sweet's—are not really in direct competition, since each has a distinctive type of cuisine. Their specialties are poultry, English high tea, Oriental fare, pasta, seafood, steak, fast food, and ice cream. Each eatery is owned by one of three restaurateurs—Angelica, Basil, or Curry. But the odd thing about these establishments is that none serves the sort of food that might be suggested by its name: Chick's serves no chicken, Crumpet's no high tea, Far East no Oriental fare, Little Italy no pasta, The Pier no seafood, The Ranch no steaks, Snax no fast food, and Sweet's no ice cream. In fact, no restaurateur serves *in any of* his or her eateries the sort of food suggested by the name of any one of his or her eateries (for example, if a man owned Chick's and Crumpet's, he would not serve chicken in Crumpet's or high tea in Chick's).

Given this mouth-watering information, and faced with the menu of clues below, can you match restaurateurs with their respective eateries and cuisines?

ANSWER, PAGE 75

1. Basil, who owns The Pier, sells steak, but not at The Pier; Angelica, who owns Crumpet's, purveys pasta, but not at Crumpet's.
2. Curry, who is the owner of Far East but not Snax, serves seafood but not poultry.
3. Neither Crumpet's nor Sweet's serves fast food; neither The Ranch nor Little Italy specializes in ice cream.

4. Angelica, who owns Chick's, doesn't sell ice cream.
5. Basil owns neither Sweet's nor Little Italy.
6. Neither Basil nor Curry owns more restaurants than Angelica.
7. Little Italy serves no seafood.

[illegible]



# THE DOUBLE AGENT

BY ROGER HUFFORD

★★

**D**orothy Gale, the most highly valued operative in our government's arsenal of secret agents, has slipped across the border into an alien country. Her mission: to avert a theft. She has five contacts in this country: Sly, Tim, Cal, Vic, and Tom—though she knows, alas, that one of these is a double agent. Each has given her five pieces of information—his or her educated guesses—concerning the upcoming crime and

the identity of the double agent. At least one correct guess concerning each aspect of the theft has been made, but no two persons have supplied the same number of correct guesses. The double agent, as it turns out, has supplied entirely false information.

Based on these clues, you should be able to name the double agent, and identify the place, date, time and item to be stolen.

ANSWER, PAGE 79

<u>CONTACT</u>	<u>PLACE</u>	<u>DATE</u>	<u>TIME</u>	<u>ITEM</u>	<u>DOUBLE AGENT</u>
Sly	Mosque	May 1	8 P.M.	Statue	Tim
Tim	Palace	May 2	9 P.M.	Ring	Tom
Cal	Hotel	May 1	8 P.M.	Film	Vic
Vic	Park	May 2	Noon	Ring	Cal
Tom	Hotel	May 1	Noon	Film	Sly

ANSWER:

\_\_\_\_\_



# WHEN OLD FIENDS GET TOGETHER

BY BOB STANTON

★★

**A** ghost, a mummy, a poltergeist, a vampire, and a werewolf live together in Crumbling Mansion. They are named Garn, Mort, Phred, Vanda, and Wormly. None of their names has the same initial letter as its bearer's fiendish type: for example, Wormly is not the werewolf.

The fiends are unusual, even for fiends: Each possesses an amulet, fetish, potion, scarab, or talisman that enables its owner to read another fiend's thoughts. This power is exclusive; no fiend's thoughts are known to more than one other. (Even when one fiend is reading another's mind while the latter reads a third fiend's mind, the first cannot read the third's mind indirectly. This is one of the mysteries of the occult.) Significantly, the fiendish mind-reading power is never reciprocal.

From the clues below, you shouldn't need

supernatural power to determine the fiendish type, name, and magical object of each Crumbling Mansion resident, and figure out who is reading whose thoughts.

1. Although Garn and Phred possess (not necessarily respectively) an amulet and a magic potion, neither of them knows the vampire's sinister intentions.
2. The ghost claims to own an amulet, but he's lying. The poltergeist does not own a talisman. The werewolf does not own a fetish.
3. Mort is not a ghost or a vampire.
4. Vanda is not a werewolf.
5. Except for Vanda herself, only the owner of the fetish knows that Vanda does not know what the mummy is thinking.

ANSWER, PAGE 77

	Garn	Mort	Phred	Vanda	Wormly	Amulet	Fetish	Potion	Scarab	Talisman
Ghost										
Mummy										
Poltergeist										
Vampire										
Werewolf										
Amulet										
Fetish										
Potion										
Scarab										
Talisman										

1. \_\_\_\_\_ reads the mind of \_\_\_\_\_
2. \_\_\_\_\_ reads the mind of \_\_\_\_\_
3. \_\_\_\_\_ reads the mind of \_\_\_\_\_
4. \_\_\_\_\_ reads the mind of \_\_\_\_\_
5. \_\_\_\_\_ reads the mind of \_\_\_\_\_



# TIME OFF

BY DODI SCHULTZ

★★

**L**ast week, Ted Tycoon announced that he was totally tired of executive tardiness. The very next meeting—to which Framson, Gotwell, Harrington, Ingram, and Jarrell had been summoned—was set, said Ted, for Tuesday at ten, and he expected Alison, Barry, Chester, Dorothy, and Edgar to be prompt. The last one to arrive, he declared, would be the first to be fired. Those summoned to the meeting included two vice-presidents, the treasurer and assistant treasurer, and the personnel director. From the following facts, can you find each executive's full name and title, and tell when each arrived in the conference room? (No two arrived at exactly the same moment.)

ANSWER, PAGE 75

1. Punctilious Chester arrived precisely on time, one minute after one of the others and at least four minutes before Alison.
2. Barry arrived two minutes before the treasurer and five minutes before Framson.
3. Ingram arrived three minutes after the assistant treasurer and six minutes after Dorothy.
4. At least two of the five arrived early.
5. The treasurer arrived before the assistant treasurer.
6. Gotwell, who isn't a vice-president, arrived before Harrington.
7. The personnel director is currently looking for a new job.

Time	Title	First name	Last name





## TRIPPED UP

BY H.A. RIPLEY



**T**he witness says," explained the interpreter, "that as the streetcar came to a sudden stop the conductor ran to the front and yelled to the motorman, 'You've done it again.'"

The thin foreigner on the witness stand looked bewildered and frightened.

"He further says that there were two sailors on the car and that they jumped off and ran."

"Have they been located yet?" inquired the judge.

"No, Your Honor. We've been unable to trace them, although the conductor gave a good description," replied counsel.

"Proceed."

The interpreter continued.

"Paslovsky, the witness, declares he had a clear view of the plaintiff when he got off. He states that just as the plaintiff put his foot on the ground with his back to the front of the car, it gave a sudden start and he was thrown to the road."

"Can't the witness understand or speak enough English to tell the court about that?" asked the judge.

"No, Your Honor. He's been in this country only two weeks and can hardly speak a word."

"How can he get about at that hour of night alone, then?"

"Some friends put him on the car and telephoned the people with whom he lives to meet him at the end of the line," replied counsel for the plaintiff.

"Continue."

"Paslovsky," declared the interpreter, "says he picked up this picture from the floor of the car—a snapshot of a sailor and a girl."

"Case dismissed," thundered the judge, "and don't ever bring another like that into this court!"

**Why was His Honor justified in so abruptly dismissing the suit for damages?**

ANSWER, PAGE 75



# HOOPING IT UP

BY STEPHANIE SPADACCINI

★★

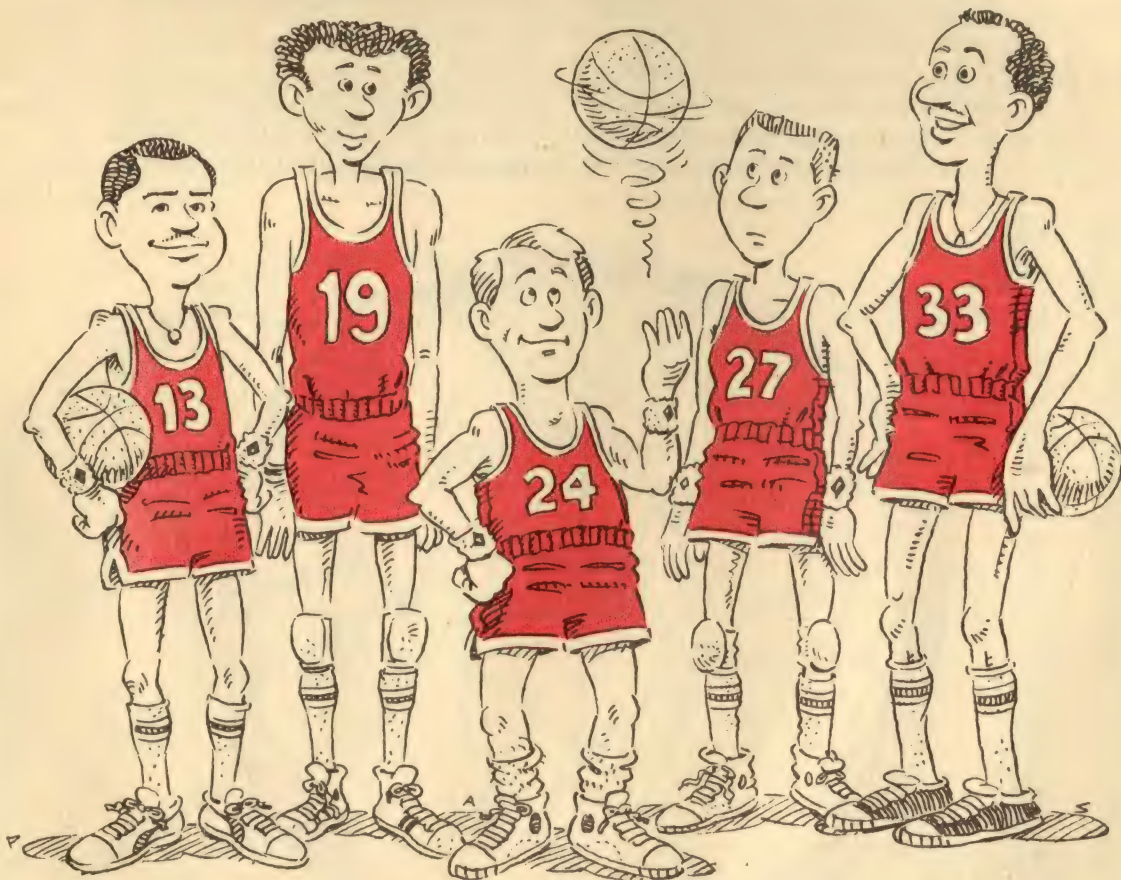
**A** new basketball franchise has been established in Blacktop, South Dakota. This new team, called the Celtniks, features five rookies: Akeem, Isiah, Kareem, Patrick, and Larry. The jerseys they wear are numbered 13, 19, 24, 27,

and 33—though not necessarily in that order.

From the information below, which is drawn from the stats of the Celtniks' home opener, can you determine each player's jersey number and the total points each rookie scored in the game?

ANSWER, PAGE 80

1. The player with the lowest number on his jersey scored the fewest points.
2. Akeem scored twice as many points as Isiah, and Patrick scored twice as many as #33.
3. The player wearing #27 scored seven points.
4. Kareem made only one two-point basket, and no (one-point) free throws.
5. No player's score equaled the number on his jersey.
6. The total score for the five players was 59 points.



Name	_____	_____	_____	_____	_____
Score	_____	_____	_____	_____	_____



# PIECES O' PIZZA

BY EMILY COX AND HENRY RATHVON

★★

Is anybody else hungry?" asked Emilio, looking up from his sketchpad.

"I am," said his friend Ruben, dipping his paintbrush in water. And their two fellow artists, Maria and Juanita, agreed that they too could use a bite to eat.

So the four decided to retire from the workroom to the kitchen. Finding the refrigerator bare, they agreed to phone out for a four-slice mini-pizza. The problem was, no two people wanted the same sort of pizza topping. Two of the artists were vegetarians, but each wanted a different sort of vegetable; the two omnivores in

the group also craved different sorts of meat. So in the end, they ordered a pizza whose four slices each bore a different topping: steak, liver, broccoli, or eggplant. When the pizza arrived, the four friends sat cross-legged in a circle on the floor with the pizza in the middle. Upon opening the box, they found that no person was sitting directly in front of his or her chosen slice.

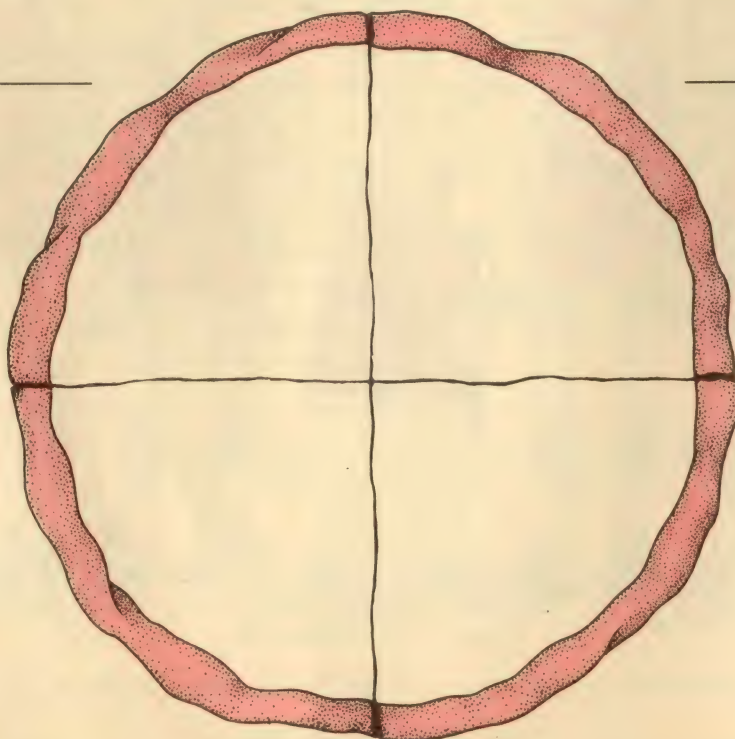
Given this and the clues below, can you determine who ordered what, where each person sat, and with what sort of pizza topping each person was initially confronted?

ANSWER, PAGE 76

1. Maria found herself staring at a pizza slice with liver on it, while the person to her left recoiled at the sight of eggplant.
2. Emilio sat directly opposite a meat-eater.
3. The person who wanted steak sat directly opposite one of the women.
4. Ruben, a vegetarian, noted that if the pie were given a quarter-turn clockwise, everybody would be happy with the slice in front of him or her.

Name \_\_\_\_\_

\_\_\_\_\_ Name



Name \_\_\_\_\_

\_\_\_\_\_ Name

PATTI POUNDERS



# TREASURE IN NUMERIA

BY J. MARK THOMPSON

★★

**L**ate in the 16th century, the notorious pirate Captain Quid became the first European to set foot on the then-uncharted island of Numeria. He found it inhabited by nine tribes, all of them gaining their simple livelihoods from Numeria's abundant resources of fish and fruit.

The Numerian natives had never developed the scholarly art of arithmetic, or even that of counting; so when Quid began to explain to them what "pieces of eight" were, he found he first had to explain what "eight" was, and what numbers were in general. Readily grasping this new concept, the natives were so pleased with it that the tribe Quid first spoke with took eight as their favorite of all numbers, and called themselves the People of Eight, or Eights.

In imitation, each of the other tribes chose its own favorite number between One and Nine, and until the fad wore out, the traditional names of the tribes (shown on the map) were all but forgotten. Each tribe called the other tribes with larger numbers the *Biggers* and those with smaller numbers the *Littlers*.

Eventually, Quid and his bloodthirsty crew tired of the Numerians and their quaint, peaceable ways, and having buried their stolen treasure in a safe spot, they departed. From the following extracts from Quid's journal, can you deduce where the treasure is buried, and what number each tribe chose as its favorite?

ANSWER, PAGE 74

1. The only tribes that share a border with all of their Biggers are the Rubdubs and the Nankipanks.
2. On the other hand, the only tribes that share a border with all of their Littlers are the Minworts and the Garleys.
3. Only the Hivshaws and the Leethrops share borders *only* with their Biggers.
4. Only the Durfins and the Bunnids share borders *only* with their Littlers.
5. The treasure is buried at the only point on the island where the territories of three odd-numbered tribes meet.





# A NIGHT IN

BY CAROL EASTMAN

★★

Last Friday was a good day for couch potatoes in the town of New Oldsville, Oregon. Four couples decided to spend their evening at home with a rented video and a take-out order from Wok on the Wild Side, the local Chinese restaurant. The men in each couple (Joel, Neil, Mel, and Cal) picked up the Chinese food, each one ordering a different dinner (chop suey, moo goo gai pan, Szechwan shrimp, and sweet and sour pork), while the women in each couple (Betty, Dottie, Hattie, and Kitty) went to Down the Tubes, the local video store, where each rented a different movie (*The Long Yellow Alert*, *Blue Monday IV*, *Red for Revenge*, and *Return of the Green Slime*).

From the following clues, can you match up the couples with their dinners and movie rentals?

ANSWER, PAGE 74

1. Joel was first in line to pick up his Chinese food, followed by the man getting the sweet and sour pork, then Kitty's husband, then the

man whose wife rented *The Long Yellow Alert*.

2. At the video store, the women's places in line were completely different from their husbands' places at the Chinese restaurant. The woman whose husband bought moo goo gai pan was first, the woman who rented *Red for Revenge* was second, Cal's wife was third, and Dottie was fourth.

3. The man who picked up the chop suey was more than one person behind Hattie's husband in line.

4. Betty, who hated moo goo gai pan, was glad her husband didn't order it.

5. Neil, who particularly wanted to see *Blue Monday IV*, scolded his wife for getting a different film instead. Neil's wife, on the other hand, particularly wanted sweet and sour pork, and was miffed at Neil for not ordering it.

	Chop Suey	Moo Goo Gai Pan	Shrimp	Sweet & Sour Pork	Yellow Alert	Blue Monday	Red Revenge	Green Slime	Betty	Dottie	Hattie	Kitty	Order of Chinese Food
													1 2 3 4
Joel													
Neil													
Mel													
Cal													
Order of Chinese Food	1												
	2												
	3												
	4												
Betty													
Dottie													
Hattie													
Kitty													
Yellow Alert													
Blue Monday													
Red Revenge													
Green Slime													



# C O P S W A P

BY VIRGINIA C. MCCARTHY

★★

**W**hen the town of Rankenfile was hit with a wave of malicious mischief, it enjoyed, at the same time, a lull in major crimes. The higher ranked officers of the Rankenfile Police basked smugly in their relative inactivity, while their patrolmen became increasingly bogged down in footwork, reports, and bureaucratic paperwork. But one day the commissioner, with unusual attunement to the workings of his underlings, decreed that each patrolman was to pass on one of his cases to a designated one of his superior officers. Five stupefied higher-ups (a sergeant, detective-sergeant, inspector, detective-lieutenant, and captain) found themselves called upon

to *personally* investigate the following cases: a defaced mailbox, a tennis shoe theft, a vandalized moped, a rash of garter snake deposits in the library book-return box, and a dryer-load theft at the local laundromat. The policemen involved in the case-exchange were named Aipeebbee, Fleese, Hownd, Nabb, Printaker, Prowell, Surch, Tayle, Therdagry, and Traque.

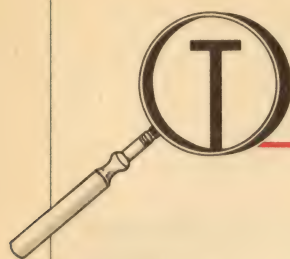
From the information given below, can you identify the five patrolmen and the five higher-ranked officers by last name; and determine who was assigned and reassigned the investigation of which crime?

ANSWER, PAGE 72

1. While the detective-sergeant drove to the library to look into the garter snake fiasco, he was muttering under his breath about taking an early retirement.
2. None of the names beginning with "T" belongs to a patrolman, and none was assigned to the mailbox case.
3. The inspector, Tayle, Printaker, and Hownd were all, at some time, assigned to different cases; Hownd's was not the dryer-load theft.
4. Aipeebbee's case was reassigned to Surch—whose title does not include the word "sergeant".
5. Therdagry's case was at no time assigned to anyone with the initial "P".
6. Traque, who is not the sergeant, was thankful that he was never assigned to investigate the garter snake case.
7. One of the detectives pored miserably over the file—now *his*—on the tennis shoe case and observed, with some rancor, that the case had never been assigned to Hownd, Tayle, or Traque.
8. Fleese—a higher-ranked officer, but not a detective—was assigned to neither the mailbox case nor the moped case.

MAILBOX	TENNIS SHOE	MOPED	SNAKES	DRYER
Patrolman: _____	Patrolman: _____	Patrolman: _____	Patrolman: _____	Patrolman: _____
Officer: _____	Officer: _____	Officer: _____	Officer: _____	Officer: _____
Rank: _____	Rank: _____	Rank: _____	Rank: _____	Rank: _____





## THE POISONED PEN

BY H.A. RIPLEY

★★

**A**t 2:30 A.M., Bernard Wilson, failing to get a response from his brother's bedroom and finding the door locked, had called the police. Unable to force it, Professor Fordney was the first to ascend the hastily secured ladder. Groping his way through the darkness of Gus Wilson's room, he turned on the lights and saw a man slumped over a desk. Inspector Kelley, pulling his bulk over the window sill, asked, "What have we got here, Joe?"

"Poison case," returned Fordney. "He's been dead about an hour."

"Humph," snorted Kelley as he bent forward to read the paper under the dead man's hand. The last words were scrawled and had been written with considerably more pressure. The point of the pencil, grasped in the dead fingers, rested on the last letter of the message.

"Wasn't leaving any doubt about his death," continued the inspector. "He relates here all the effects of the poison! The first part of the message is written on the lines, clearly and distinctly. It doesn't begin to run off until near the end."

Fordney took a hasty glance over his friend's shoulder and rushed back down the ladder. Kelley next heard his voice below the window.

"What on earth are you doing down there?" he belated.

"Looking for another set of ladder impressions!"

"In heaven's name why? You don't think he climbed into his own room to commit suicide, do you?"

"He was murdered!" faintly reached Kelley as the professor hastily rounded the house.

**What had Kelley overlooked?**

ANSWER, PAGE 79



# POUND FOOLISH

BY ROBERT E. NELSON

★★

**F**our women went to work for the Sunset Valley Pound Cake Company and moved into adjacent homes on Butterstick Boulevard. As honored company employees, these women (whose first names were Betty, Dora, Flo, and Ida; and whose last names, not necessarily respectively, were King, Lopez, Martin, and Nolan) were allowed to take home a half-pound of pound cake each week. As a result, their husbands (Peter, Stan, Vince, and Walt) gained some weight (5, 7, 8, and 10 pounds, not necessarily respectively). From the clues below, can you determine the women's and men's full names, and the amount of weight each man gained as a result of

his overindulgence in pound cake?

ANSWER, PAGE 77

1. Peter, Mr. Lopez, Betty's husband, and the man who gained seven pounds often played bridge together.
2. Vince gained more weight than Mr. Martin, but less than Dora's husband.
3. Flo was glad her husband hadn't gained as much as Mr. Nolan, who in turn was glad he wasn't the greatest weight-gainer of the four.
4. Peter said that his neighbor, Ida's husband, had gained more than either Stan or Mr. King.

	King	Lopez	Martin	Nolan	Peter	Stan	Vince	Walt	5	7	8	10
Betty												
Dora												
Flo												
Ida												
5												
7												
8												
10												
Peter												
Stan												
Vince												
Walt												



# KICKING UP A FUSS

BY EMILY COX AND HENRY RATHVON

★★

"I'm sorry," said Lawrence to his friend Eric, "I couldn't make it to your football game yesterday."

"That's all right," said Eric, "But you missed an exciting contest. Very high-scoring."

"Really?" replied Lawrence. "Who won?"

"The odd thing," mused Eric, "was that nobody scored any touchdowns. Three-point field-goal kicks provided all the scoring, and each team got at least one field goal in every quarter of the game."

"Yes, that was odd," agreed Lawrence. "So who won the game?"

"Eight different numbers of points," continued Eric, "were chalked up in our four quarters of scoring and theirs. But neither team scored more than 24 points in any one quarter."

"Fascinating," said Lawrence. "Who won?"

"The home team," Eric went on, "scored three

times as many points in the last quarter as the visiting team did in the first quarter. And the visiting team scored twice as many points in the second quarter as the home team scored in the third quarter."

"Who," asked Lawrence bleakly, "won the game?"

"The Titans scored more points in the first half than the Behemoths scored in the second half," explained Eric. "And the sum of the digits in the Behemoths' second-quarter score was equal to the Titans' third-quarter score."

"Fine!" cried Lawrence in despair. "But did you win or not?"

"No," said Eric, "we lost."

Can you name the visitors and the home team, identify the scoring by each team in each quarter, and determine which team was Eric's?

ANSWER, PAGE 80

TEAM	1	2	3	4	TOTAL
(Visitors)					
(Home)					



EWING GALLOWAY



# SPIES SPY ON SPIES

BY ROGER HUFFORD

★★

**T**he government's most exclusive intelligence-gathering body, PAP (Peeking at People), has let it be known that one of its top five spies will soon act as courier for a secret document. These five spies—Ivan, Juan, Kurt, Lek, and Mischa—have consequently busied themselves with spying on one another, trying to determine which of them will become the honored courier. After a week of mutual peeping, each spy has made a

conjecture about the date, time, place, and courier to be involved. Their conjectures are shown below. In each of the four categories of information, at least one spy has made a correct guess; and the five spies have each made the same number of correct guesses.

Based on these hush-hush facts, can you say what the right date, time, place, and courier will be?

ANSWER, PAGE 74

SPY	DATE	TIME	PLACE	COURIER
Ivan	July 2	Noon	Miami	Mischa
Juan	July 4	1 P.M.	Miami	Lek
Kurt	July 3	Noon	Las Vegas	Juan
Lek	July 4	2 P.M.	Acapulco	Kurt
Mischa	July 3	Noon	Acapulco	Ivan





# STUDENTS OF LEISURE

BY VIRGINIA C. MCCARTHY

★★

**D**on, Ron, Ken, and Len—who all have degrees in Leisure Studies—have selectively applied what they learned in the classroom to better the quality of their lives. The distinct habits and preferences of the four (Cheeron, Eazeman, Potterer, and Sedontary) may be delineated as follows: Each is either a couch potato, a porch-sitter, or a coffeehouse bum; a spectator

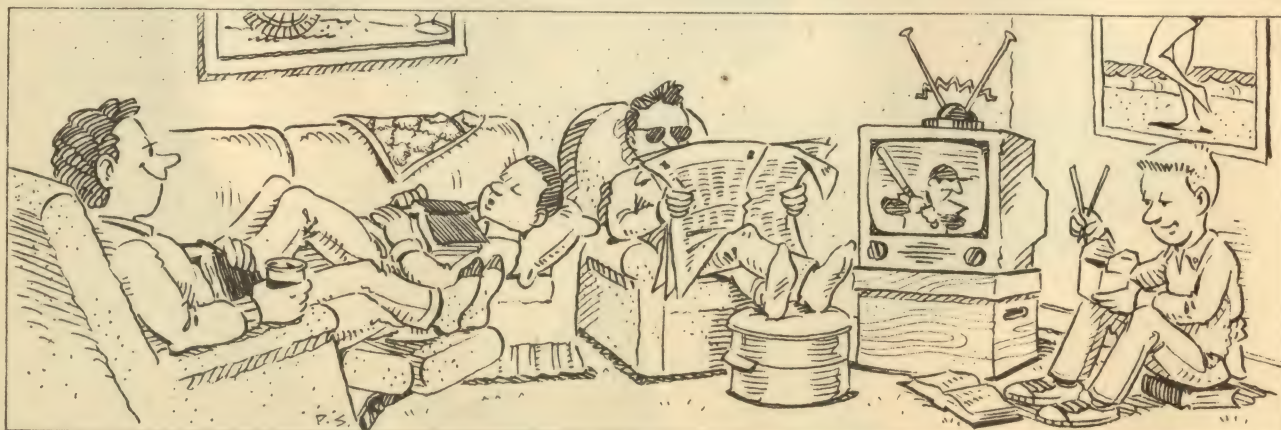
of either baseball, football, or tennis; a collector of either comic books, magazines, or pulp fiction; and each sleeps either 9, 10, or 11 hours a day.

Given that each of the 12 traits belongs to at least one leisure-lover, can you match each character, by full name, with his four applicable labels?

ANSWER, PAGE 78

1. Eazeman habitually gets less sleep than Don and more sleep than Ken—who does not collect pulp fiction.
2. No comic book collector is either a coffeehouse bum or a baseball watcher.
3. Len and Cheeron (who does not sleep 11 hours a day) share none of the same traits.
4. No coffeehouse bum sleeps as many hours per day as does Sedontary—who is neither a tennis fan nor a couch potato.
5. The baseball fans (who do not include Ron) outnumber the porch-sitters; and there are more comic book collectors than there are couch potatoes.

	RON	LEN	KEN	DON
Last Name				
Habit				
Sport				
Collection				
Hrs. of Sleep				



PHIL SCHEUER



# THE PERILS OF THE SEA

BY J. MARK THOMPSON

★★

**N**ow, see here," said the Captain, as severely as he could (considering that the object of his severity was sitting in his lap, feeding him grapes), "it's been two weeks since the shipwreck . . ."

"Three," said Circe, as she nudged the bear away from them with her exquisite, sandaled foot.

"Three, then, and I've not seen hide nor hair of my five surviving crewmen—Diomed, Glaucus, Medon, Orthaeus, or Zethus—since I regained consciousness the day after the storm. My first mate told me before he died that he had sent them, one by one, up the mountain to this mansion of yours to ask for help, but that none of them had returned (no more grapes, thank you); and when I followed, I found no one but you and your pets on the whole island.

"I'm grateful for your hospitality, your entertaining magic tricks with the menagerie, and your . . . other favors, but I must insist that you tell me where my crew is or how I can contact them." He took his arms from around her waist and folded them across his chest, to show that he meant it.

"Oh, why must you always pester me about your silly crew?" Circe sighed, and arose. "If you must know, your five crewmen are right here in the room with us."

"But there's no one else here, except the animals . . ." began the Captain. But he stopped short with a gasp, staring at the bear, lion, panther, tiger, and wolf, while the beasts sullenly returned his gaze.

Circe nodded, smiling wickedly. "I don't see why we need them, but I'll change them back for you—if you can guess which crewman each of them is."

The Captain looked at them, bewildered. "But how can I tell?"

"I'll give you some hints," Circe offered.

1. The Athenian would have made a fine bear, but I had already used that spell when he arrived, and two of the same animal would have lacked style. And then, worse luck, when Diomed came, his character seemed to cry out for the shape I had given the Athenian.
2. The Ithacan followed Zethus so closely that he almost arrived before his friend was enchanted. I suppose they were getting worried after their strongest companion, the one I turned into a lion, hadn't returned.
3. I had hoped the tiger would make a good playfellow for the lion, but they avoid one another—Diomed and the Locrian must not have been on good terms. Orthaeus and the bear seem to be the best friends out of the five.
4. The wolf tried to howl to the Corinthian when the latter arrived, and seemed hurt that he wasn't recognized—probably because he had only just undergone his metamorphosis. He had accepted his fate better by the time Medon, the next crewman, arrived.

"Of course, you probably know which of the crew were from Athens, Corinth, Eleusis, Ithaca, and Locris," said Circe, "so it will be easy for you."

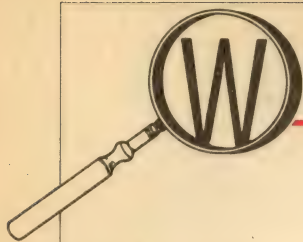
"No," said the dismayed Captain, "the first mate was the only officer who could speak Greek with the crew."

"Too bad," smiled Circe. "But you should still be able to figure out which is which."

In what order did the crewmen come to Circe's mansion? What animal did each one become, and where was each man born? **ANSWER, PAGE 80**

Order	Name	Birthplace	Animal
1			
2			
3			
4			
5			





# WHAT'S THE SCORE?

BY ROBERT LIDDIL

★★

**T**he atmosphere in the office of Inquiries International was far from relaxed. Belle Canto, the opera star, fluttered nervously by the desk (250 pounds of flutter) of Zero Syphres, the famous cryptanalyst. He and his not-so-famous assistant, Septimus, studied the music manuscript she'd brought to be decoded. "He's only a second trombone," she gushed, "but he told me his feelings for me are spelled out in this song."

Syphres hummed and made marginal notes. "Not Schoenberg's tone-row . . . not Schillinger System . . . Kodaly . . . Orff . . . Babbitt . . . It's no standard system."

"I know," Belle answered. "He said it tells how he feels about me, but I hope it isn't the melody itself. It's terrible!"

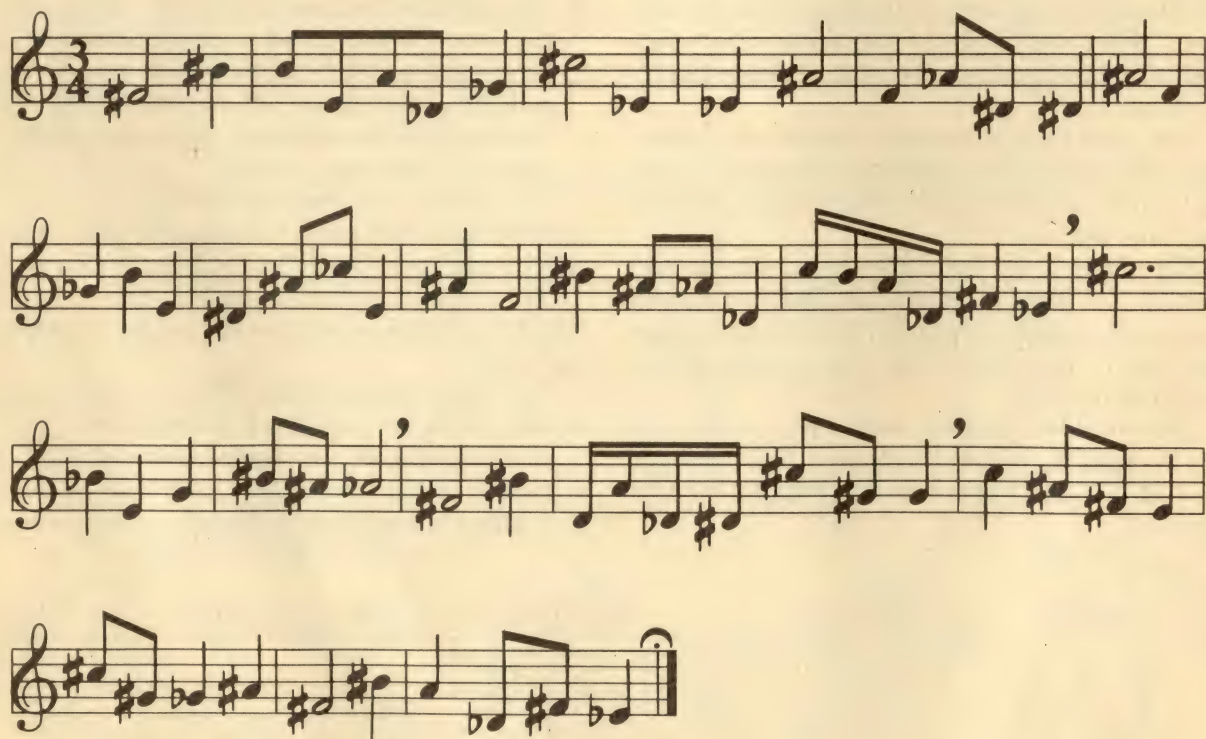
"You bet," Septimus agreed. "I'm not much of a musician, but even I can see that this would sound like a garbage can full of broken glass rolling down the basement stairs."

"That's true enough, Septimus," Syphres replied, "But I'm not sure any knowledge of music will help us here." He hemmed and hawed for a moment.

"... The first measure recurs . . . it must be important . . . Of course, gotcha!" With that explosive exclamation, Syphres began writing rapidly beneath the music score.

Here's the second trombone's "melody"—tender love song or perverse put-down? You decide.

ANSWER, PAGE 78





# SLEUTHS IN SHADOW

BY CILLA WHETT



**N**ine famous detectives from films and television are shown below. Since they're all on undercover work, we have disguised them so that only their outlines are visible. Can you deduce the identity of each detective from his or her sil-

houette and the surrounding scene? When you've done this, see how many of the actors portraying these characters you can name—we guess a lot of them will leave *you* in the dark!

ANSWER, PAGE 77

1



2



3



4



5



6



7



8



9





# THE AFFAIR AT THE GRAND HOTEL \*\*

Inspector Black had to act fast in this case to prevent the culprit from escaping. Luckily for Black, help was at hand.



**1** There had been a number of thefts lately from the Grand Hotel and Inspector Black was determined to put an end to them. He made a point of being around to note strangers, at lunch time, for example, when most of the rooms were empty.



**2** On this particular day there were three strangers of whom Black took special note—a couple of active-looking men, followed not long after by a third.

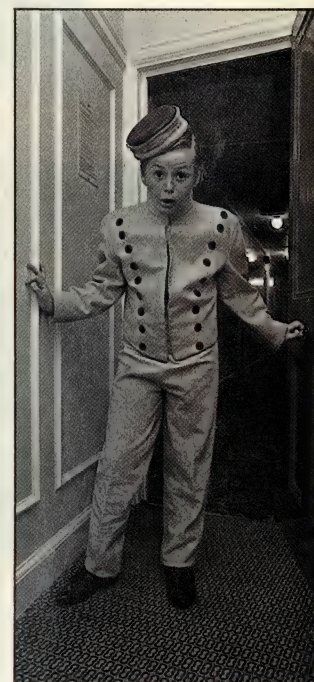


**3** The men went upstairs. Black remained below. The men quickly separated. One of them found an empty room.



**4** He had got hold of some cash and was just opening a desk when he heard a sound. A woman came in from the bedroom.

**5** The burglar was a wanted man and had no intention of being caught. The nearest thing handy was a thin, sharp knife for cutting paper.



**6** The weapon was effective, but the woman had time to scream. The burglar dodged into the bedroom as a bellboy burst in. The boy took one glance and dashed to find Inspector Black. The burglar wiped his fingerprints off the knife and dived up the back stairs to another floor.





**7** Meantime, Inspector Black had heard the facts. He posted men at every door, sent others to watch the fire escape and the outside of the building. Giving orders to the bellboy that no one was to be allowed in or out, he telephoned the doctor.



**10** The Inspector went downstairs to the lobby, where he waited for a moment, apparently talking to the doctor but really keeping an eye on everyone who came by. Meantime, his men checked up on all the residents and servants in the hotel.

Inspector Black watched two men come down in the elevator, and then, having seen the doctor out of the building, returned to the lobby to see the third step out.



**8** The doctor found that the victim had received two stabs in the chest. Neither of these would have been fatal, though they had bled profusely.

**9** The fatal blow was in the back. It was clear, he said, that the assailant had pulled his victim toward him with one hand and stabbed her again from over the shoulder. Orders were given for nothing to be touched in the room, and the door was locked.



**11** He asked all three to come inside the manager's office for a moment. He told them that a serious crime had been committed and that he would like their names and addresses before letting them go home.



**12** Black closed the office door and posted the constable outside. He knew which of the men was guilty, but suggested all three might be worth holding in case they were acting together.

**Who was the guilty party, and how did Black know?**

ANSWER, PAGE 79



# THE MONTJOY DIAMOND MYSTERY

BY LASSITER WREN AND RANDLE MCKAY

★★

**T**he Montjoy Diamond was but one, though by far the most valuable, of the many jewels stolen in the robbery of Dawson & Blumgarten, the jewelers of lower Park Avenue. The robbery itself was the most adept performance staged in many years. The bandits had achieved the hold-up, the thorough looting of the store, and their getaway, all within the space of three minutes. They left no trace, no clues of any kind. Because of the very efficiency of the hold-up the police thought it must have been directed by someone on the inside.

Two days had already elapsed when the police were advised through underground channels that a certain Mr. Cortez had furnished the brains for the robbery. Cortez was a trusted employee of Dawson & Blumgarten. It was hinted by the secret informer—possibly from motives of vengeance, the police believed—that the Montjoy Diamond was now in the possession of Mr. Cortez, and that on the following morning he would

meet the local representative of an international ring of jewel thieves in order to dispose of it. But the informer had no knowledge as to the place and time of this alleged rendezvous.

When Cortez left his apartment at 9:15 A.M. Detectives Higgins and Cartwright were waiting for him to appear. They planned to shadow him and capture the whole ring of crooks at one stroke, and perhaps throw light on other robberies of the same nature.

Cortez walked uptown in a leisurely manner. Pausing at 42nd Street, he bought a morning paper from a newsboy and stood for a moment at the corner, scanning the headlines. He then resumed his walk. His leisurely gait seemed quite suitable on the warm July morning, though it somewhat inconvenienced the detectives. At times they seemed hard put to keep from overtaking their quarry. Between 46th and 47th streets Cortez turned sharply around, and then, as though some new volume by his favorite author



JEFF MOERES



had caught his attention, sauntered slowly across the sidewalk and contemplated a window display of new books. Upon reaching 48th Street he hailed a taxi; then apparently having changed his mind, he waved the irate driver on his way.

As Cortez continued his uptown walk and finally entered Central Park, Detectives Higgins and Cartwright became more wary. There were few pedestrians in the park at so early an hour. Cortez rambled along the paths, seeming to enjoy the park immensely. The ducks in the lake seemed to interest him. He made encouraging and affectionate noises to them as one who calls in a cat from the front yard. Now and again he paused, apparently to follow with his eyes the wheeling flight of pigeons overhead. Finally, he lay down upon the lawn surrounding the Obelisk and opened his paper.

All this was confusing to the detectives. They reflected that either Cortez knew or suspected he was being followed, or else that the suspicion cast upon him by their informer was unfounded. In either case, they thought, it would be advisable to arrest him if he tried to communicate with anyone. They would then definitely know whether the information given to them was of any value. If Cortez had the jewel on him, its presence would prove his guilt. Knowing this much, information concerning the rendezvous might be forced from him by the police.

After about 15 or 20 minutes Cortez arose. Glancing at his watch, he walked a little more rapidly now to the Columbus Circle exit of the park.

At this point it became apparent to Detective Cartwright that Cortez realized he was under surveillance, for he tried various ruses to elude his trailers. Upon attempting to enter a telephone booth, Cortez was arrested by Detective Higgins. He was watched by the detectives with unusual care while being taken to Headquarters. There, a thorough search of his person failed to reveal the Montjoy Diamond. Some correspondence, \$47 in cash, a gold watch, a fountain pen, a stylus pencil, and a pocket comb completed the list of articles carried by Cortez at that time. The prisoner denied vehemently any guilty knowledge of the crime or of the whereabouts of the Montjoy Diamond.

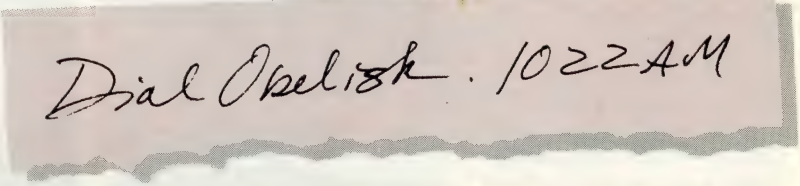
Nevertheless, Cortez was held, and the police on duty in Central Park were advised to keep a sharp lookout for suspicious characters, since it was thought that Cortez might originally have gone to the park to meet a confederate.

At 11:00 the next morning a patrolman whose

beat was in the park picked up a young woman who had been acting suspiciously.

For some time, he told Headquarters, she seemed to have been watching his movements while loitering around the Obelisk near which Cortez had been the day before.

The young woman, protesting strenuously, was politely but firmly questioned and searched. The contents of her purse consisted of a few bills, powder, lipstick, a penknife, and a small crumpled slip of paper bearing a mysterious and hastily scribbled notation, shown below:



*Dial Obelisk . 1022AM*

Upon further questioning the woman disclaimed all knowledge of the notation. She suggested that it might be a garbled telephone number, months old, the significance of which she had forgotten. A friend of hers had been to Europe, she said, and had recently loaned her some money. The note might have been conveyed to her purse while hidden in the currency. Perhaps it was a European telephone number? The police at Headquarters were baffled.

At this juncture Detective Cartwright, who had been summoned, appeared at the station house. After examining the slip of paper and the remaining contents of the suspect's purse, he counseled that the woman be held pending an investigation. Cartwright conveyed the impression that he had some notion of what the mysterious notation might mean.

"This thing, whatever it is, is in Cortez's handwriting," he said to his chief. "That's why it is important."

"You mean," said the chief, "that you think he smuggled it to her after you nabbed him yesterday?"

"Sure," said Cartwright, "that 59th Street Station is a sieve, anyway. Anybody can get a note slipped out of there for ten dollars. I've told you that before, Chief. You ought to step on 'em."

Cartwright retired to a corner to think out this problem, and by noon of the following day he had located and recovered the Montjoy Diamond.

Now, can you answer the following questions, and solve the mystery?

1. Where did Cartwright find the Montjoy Diamond?
2. How did he know where to look for it?

ANSWER, PAGE 79



# B L A C K O N T H E B E A T ★★

The opportunity to commit murder depends entirely on a few key elements. These are, first, favorable circumstances; second, timing; and last, a certain amount of luck on the murderer's part. This case contains all three.

**1** Inspector Henry Black was late coming home one night when he heard a strange sound. He rushed up, and found a girl lying in the road beside her scattered belongings. A man ran off as he approached. The Inspector recognized Miss Danbery, the daughter of a local politician.



**3** Inspector Black left the unconscious girl lying on the sofa with Tavistock looking after her while he found the study.



**2** Black carried the girl to the door of her nearby home. A man who introduced himself as David Tavistock, Mr. Danbery's secretary, led the Inspector into the sitting room and told him that Mr. Danbery had been fatally attacked in his study.

**4** Danbery was lying on the rug in the middle of the room. He had been killed by a heavy blow to the head. The window was wide open.



**5** The Inspector took a good look around the outside of the

house. Just beneath the study window were two footprints leading away from the house. There was nothing else out of the ordinary in the garden. He returned to the sitting room to question the secretary.

## Tavistock's evidence



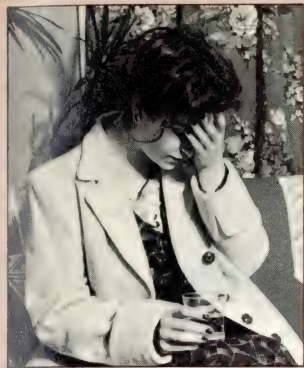
**6** He said that he hadn't seen Danbery in the hour prior to finding him, but that he'd had an appointment to see him in the study at 9:30.



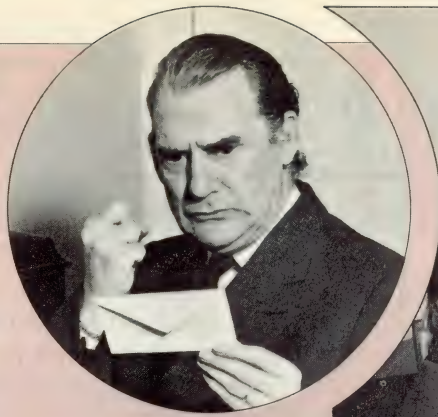
**7** When he came in at 9:30 he saw his employer on the floor, and a man escaping through the window.



## Miss Danbery's story



**8** Miss Danbery now seemed well enough to talk. She told the Inspector that she had seen her father just after dinner that evening in his study.



**9** He was angry. "He was muttering something like, 'The rascal! He can't forge my name and get away with it!' I begged him to tell me what was wrong," Miss Danbery sobbed, "but he wouldn't."

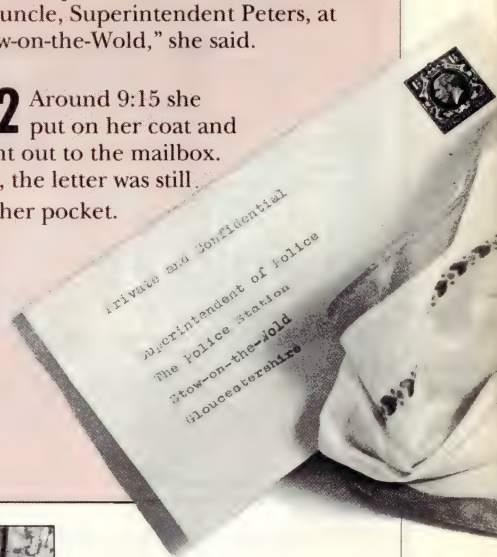


**11** "Father told me to ask Tavistock to see him at 9:30," the girl added. "It was 8:15 then. I went to my room and read for an hour."



**10** "He never discussed anything with me," she complained. "He always treated me like a child." Mr. Danbery had given her a letter to post. "I was surprised that it was addressed to my uncle, Superintendent Peters, at Stow-on-the-Wold," she said.

**12** Around 9:15 she put on her coat and went out to the mailbox. Yes, the letter was still in her pocket.



**13** After the Inspector read the letter, which was a request for the Superintendent to stop by the following day, he asked Miss Danbery if her father had had any enemies. "Not to my knowledge," she replied.

"Mr. Tavistock?"

"Well, I haven't been with Mr. Danbery very long," he said, "but I have gathered that there had been some unpleasantness with a business partner."



**Who killed Danbery? A stranger, or a business partner? A member of the household?**

ANSWER, PAGE 75



# TREASURE HUNT

BY HENRY HOOK

☆☆

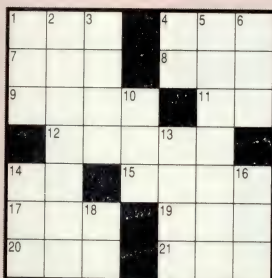
**S**ome years ago the GAMES staff had a party at an editor's home, featuring a through-the-house treasure hunt similar to the one shown here. A series of 13 puzzles of various types had to be solved to reach the treasure—a cache of chocolate bars concealed in . . . well, you discover where . . .

We've drawn up a rough floor plan of the house on the following four pages. To solve, begin with the Starting Puzzle in the foyer at right. Its solution will name a location elsewhere in the house. Jump to that place and solve the puzzle shown there to discover the hiding place of the next clue. Continue from one room to the

next, solving each puzzle as you go. The last puzzle in the chain will reveal the location of the treasure (candy bars not provided).

Often you'll find the room in which the next clue is concealed is not specified; then it will be up to you to find the object using sharp eyes and common sense. Note that most of the puzzles have no solving directions, so the first challenge of a clue may be figuring out what to do with it. If you get stuck on any part of the treasure hunt, you'll find some hints on page 74 to help you on your way. Don't give up too soon on any puzzle—none of them is very difficult, once you figure out how to solve them!

ANSWERS, PAGE 78



12-Across ÷ 18-Down = \_\_\_\_\_  
1-Across ÷ 6-Down = \_\_\_\_\_  
16-Down ÷ 11-Across = \_\_\_\_\_

## ACROSS

- 1 Palindromic cry of excitement
- 4 Omega's precursor
- 7 Opposite of WSW
- 8 Collins ingredient
- 9 Give a licking
- 11 Commercial
- 12 Halloween transportation?
- 14 Ben, to Hoss
- 15 December 24 and 31
- 17 Exploit
- 19 Smoker's waste

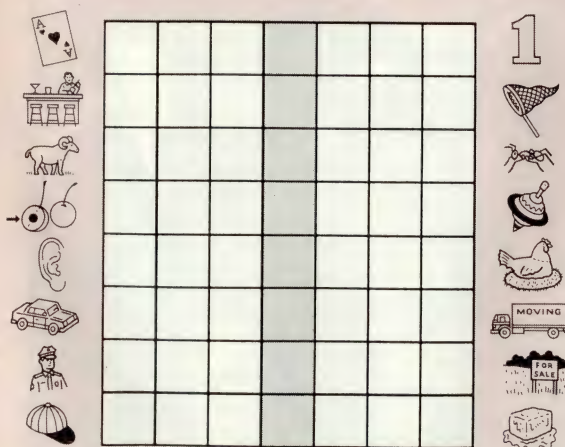
- 20 Danson or Turner
- 21 Grant's foe

## DOWN

- 1 Fly catcher
- 2 Kind of hit
- 3 Erode
- 4 It's sometimes "13"
- 5 Classy cat
- 6 Neighbor of Ill.
- 10 Oft-stubbed item
- 13 Track shape
- 14 Place
- 16 Yon lady
- 18 Johnny's sidekick

LIVING ROOM

DINING ROOM





CLOSET

528-6379

FOYER

Starting Puzzle



-AL



-K



-N

STAIRS TO  
2ND FLOOR  
(Pages 42-43)

STAIRS TO  
CELLAR

LIBRARY

KITCHEN

LAUNDRY

No. 7196

LO SUNG CHINESE LAUNDRY  
Call for fast pick-up service.

Open 8:30 - 5:30 Moaday through Friday. Please  
present this tibket when you pick up your cloties.  
Not responsible for articles left more thae 30 dys.

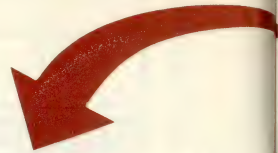
ABC DEF DGEHI ABCJ  
KJHLM CKBF GBDENHFO  
HN HFPHQM NJCFR HF  
ENNHD.

CONTINUED ON PAGES 42-43

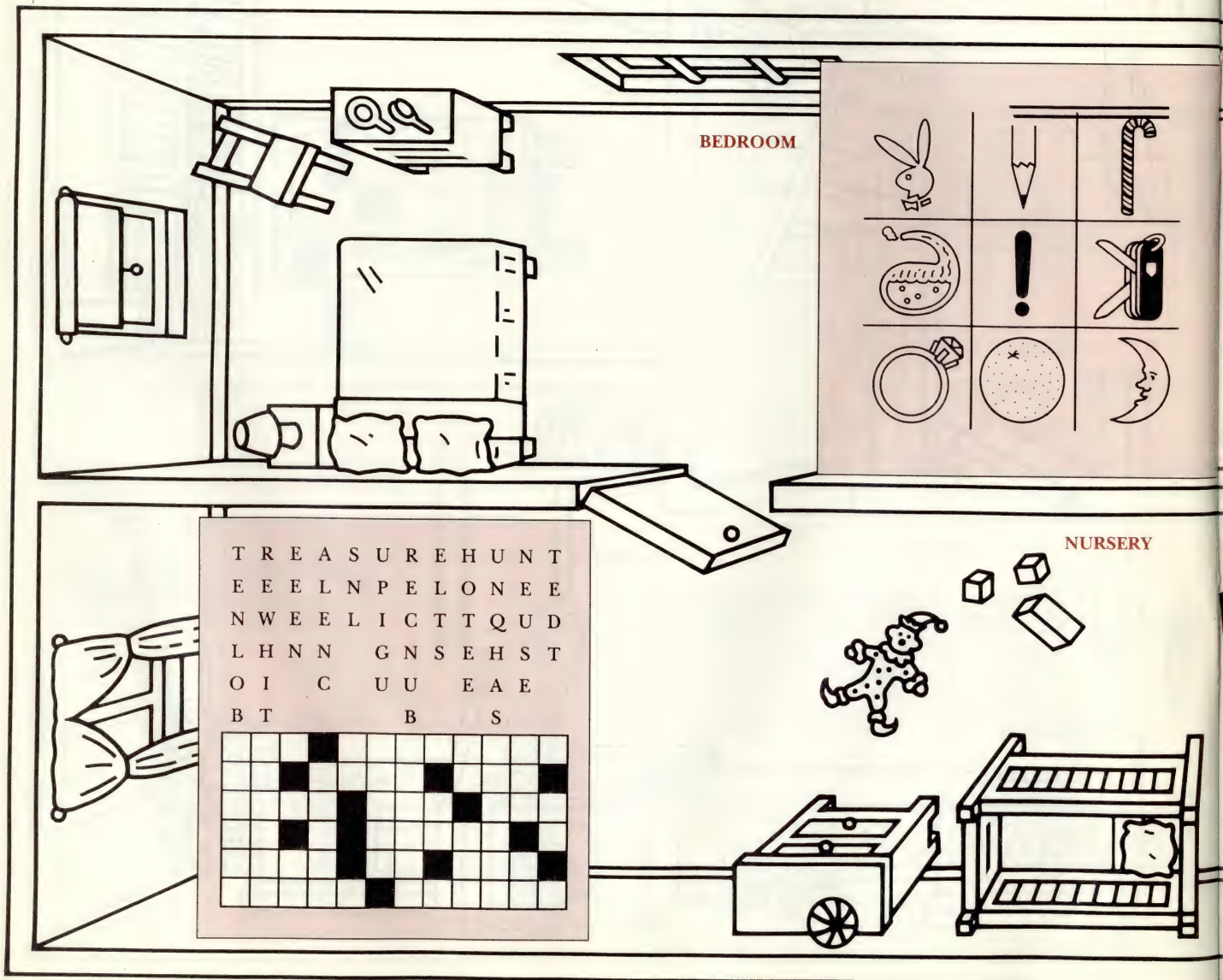


# TREASURE HUNT

SECOND FLOOR  
(PUZZLE CONTINUED  
FROM PAGES 40-41)



S H E									
NONE	HANDOFF								
H F N N S									
E B E E F									
A N F H									
S I S F									
N O N E									
E S H O									
0	1	2	3	4	5	6	7	8	9





LINEN CLOSET

START



STAIRS TO  
ATTIC

STAIRS TO  
1ST FLOOR

LANDING

D	T	O	R	B	L
N	E	D	N	I	U
P	E	R	R	O	A
I	A	U	I	S	T
G	U	Y	E	I	O
R	N	D	K	C	A

(4 2 "8" 2 10 10)

DEN

BATHROOM

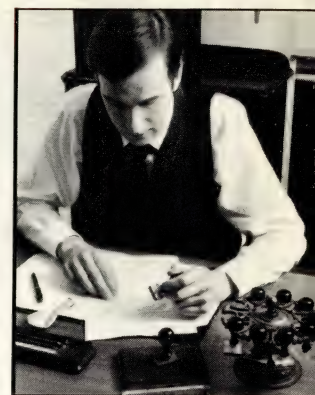
If BOOKCASE = "chef" +  
"foundation," then what  
does "ready to be picked  
and eaten" + "not as loose"  
equal?



# GOING FOR BROKE \*\*

In the majority of cases involving a pistol, the person concerned knows very little about its mechanism. His first shot may be his last.

**1** Edward Knight, the senior partner of the firm of Knight and Deay, was still poring over ledgers at nine o'clock one night. The accounts were in a bad state.



**2** The junior partner, Howard Deay, sat in an adjoining room writing a letter.



**3** Besides the caretaker in the basement, the only other person in the building was Nigel Reeves, one of the clerks, who was reorganizing the files.



**4** Just after 9 P.M. Reeves was summoned to Deay's office. The junior partner asked him to slip across the road to mail a letter. He was back in 10 minutes.

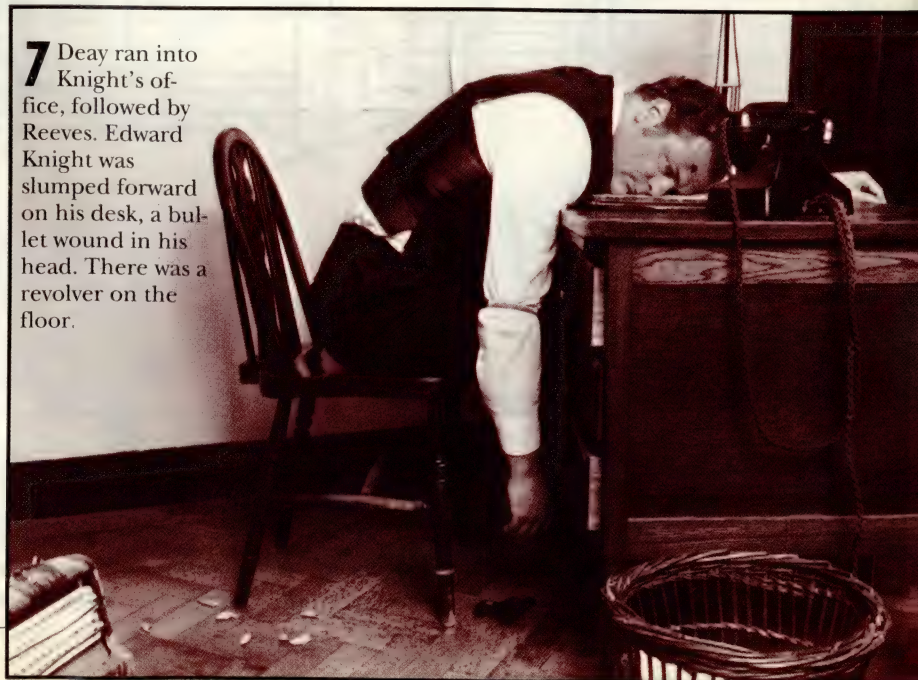


**5** Later, Deay entered Reeves's room and asked the clerk to find the file on one of the overdue accounts. "Knight's too easy on them," Deay said. "He should make them pay up."



**6** Reeves was just about to locate the file in question when the two young men were suddenly startled by a muffled report from the senior partner's room.

**7** Deay ran into Knight's office, followed by Reeves. Edward Knight was slumped forward on his desk, a bullet wound in his head. There was a revolver on the floor.



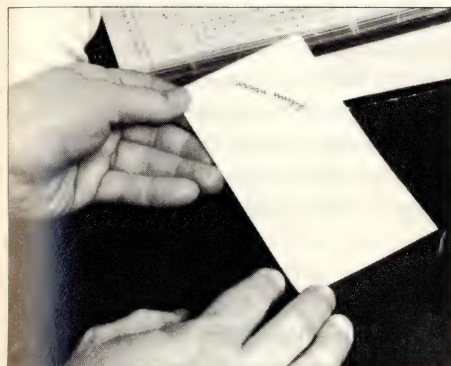




**8** Reeves wasted no time. He immediately phoned Scotland Yard to report the death, while the junior partner stayed with the dead man.



**9** Inspector Black examined the body. It was not a pretty sight. He noted that the position of the bullet's entry was consistent with suicide—it had penetrated the right temple. He had used a small caliber gun, a .22.



**10** Then Inspector Black saw a check on the desk beneath the dead man's chest. In searching the room, he noted that the electric heater was on.

**11** He stopped to pick up some shreds of something. There were no scratches or markings of any kind on the desk or the floor.



**12** Besides the mysterious shreds and the strong scent of men's cologne, the Inspector found nothing out of the ordinary. He learned that the gun belonged to the dead man and was kept in his desk. Knight had worried about burglars.




**13** Inspector Black then listened to the junior partner's details of the events of the evening. Finally, he questioned each man privately, taking careful note of the answers.

**The Inspector had his doubts. Was it a case of suicide—or was it murder?**

ANSWER, PAGE 72





# THE ROPE THAT HUNG FROM THE WINDOW

---

BY LASSITER WREN AND RANDLE MCKAY

★★

*It is uncommon but not unknown in criminal investigation for detectives to find false or deliberately misleading clues at the scene of the crime that have been planted there for a special purpose. Consider carefully the circumstances of the daring robbery at the Kenmore Hotel. It presents an interesting problem.*

At 6:45 on the morning of February 3, 1923, a gentleman was religiously toiling through his morning exercises before the open window of his room at the Kenmore Hotel. Suddenly he became aware that a thick rope bisected his view of the building opposite. It hung down close to the open window touching the sill. Putting his head out, he saw that it entered a window several floors above, and below that it ran to within a few inches of the ground. Quickly satisfying himself that his valuables had not vanished, he telephoned the clerk of the hotel.

The clerk and the house detective rushed outside and investigated at once. The rope came from the window of a bathroom on the eighth and top floor, on the south side of the hotel. On this side, the hotel was separated by a courtyard from a new ten-story office building. The court was screened from the street by a row of small cypress trees in painted tubs.

"It's from Mrs. Palmer-Pitts's bathroom," the clerk cried in alarm.

House Detective Bradley feared the worst, for Mrs. Palmer-Pitts, a widow, was one of the hotel's wealthiest patrons. He quickly noted two distinct trails of footprints in the light snow, which had fallen throughout the night—one leading from the street to the hanging rope and the other leading back to the street.

"The thief came in from the street, climbed up, came down, walked off, and went away," Bradley asserted. "See how the branches of the end cypress trees have been shaken. The snow has been knocked off. It must have been by the passage of the thief through here."

Detective Bradley and the clerk rushed to Mrs. Palmer-Pitts's suite and pounded on the door of Mary Bassett, her companion and social secretary, who occupied an adjacent room. A sleepy voice responded. Detective Bradley hurriedly

explained the presence of the rope.

"Go in quickly," he said to Miss Bassett, "and see if everything is all right in Mrs. Palmer-Pitts's room."

The two men heard Miss Bassett walk through the large sitting room that separated the bedroom of Mrs. Palmer-Pitts from her own. A shriek soon followed. Mary Bassett returned, opened the door of her room, and all rushed through into the widow's bedroom. Mrs. Palmer-Pitts was in her bed—gagged and bound hand and foot—a comic-opera picture of elderly beauty in distress. She glared angrily as they untrussed her.

As soon as she was capable of speech she gasped in a hoarse voice, "I have been robbed," and then, as though the words conjured up all the terror of the past night, she closed her eyes and fainted.

While Mrs. Palmer-Pitts was being revived, Detective Bradley examined the room. It had been completely ransacked. Drawers had been pulled out and their contents strewn over the floor. The handsome writing desk had been forced open and rummaged.

"She kept her jewelry in that desk," said Mary Bassett.

Mrs. Palmer-Pitts was carried to her companion's room, and in response to the clerk's summons, detectives soon arrived from Police Headquarters. A half hour later the victim had recovered sufficiently from her fright to tell her story of the robbery.

"I do not know when it was," she said. "I haven't the slightest idea. I woke up and realized *someone* was in the room. I did not see anyone; I just knew it. I was terribly frightened, for I knew it must be a burglar. It couldn't be anybody else, because at night I always bolt both my doors. No one ever comes in my room after 10:00, not even Mary. I knew it could not be Mary, because I had bolted my door into the sitting room.

"All I know is that, all of a sudden, while I was looking toward the windows, somebody grabbed my throat from the dark side of the room. I was sitting up. I think I tried to scream, but something was stuck in my mouth, and that's all I know. I must have fainted. When I woke up a few



minutes later my hands and feet were tied and a tall man was opening and shutting the drawers of the bureau. I could hear them quietly slide in and out. He did not say a word. I guess I fainted again. I cannot tell you a thing more."

The investigation showed that Mrs. Palmer-Pitts's gems were missing from their cases in a drawer of the desk. Three diamond rings that she had left on the dresser overnight were also gone. Nothing else had been taken.

The interest of the detectives from Police Headquarters centered around the rope that they found firmly tied to the steam pipe in the private bathroom, which adjoined Mrs. Palmer-Pitts's bedroom. It was a stout rope, more than an inch in diameter. It hung down over the bathroom window sill, almost touching the ground. Several footprints, evidently those of a large man, showed up clearly on the white tiled floor. These footprints proved to be exactly the same as the footprints in the courtyard below, which led to and away from the bottom end of the rope.

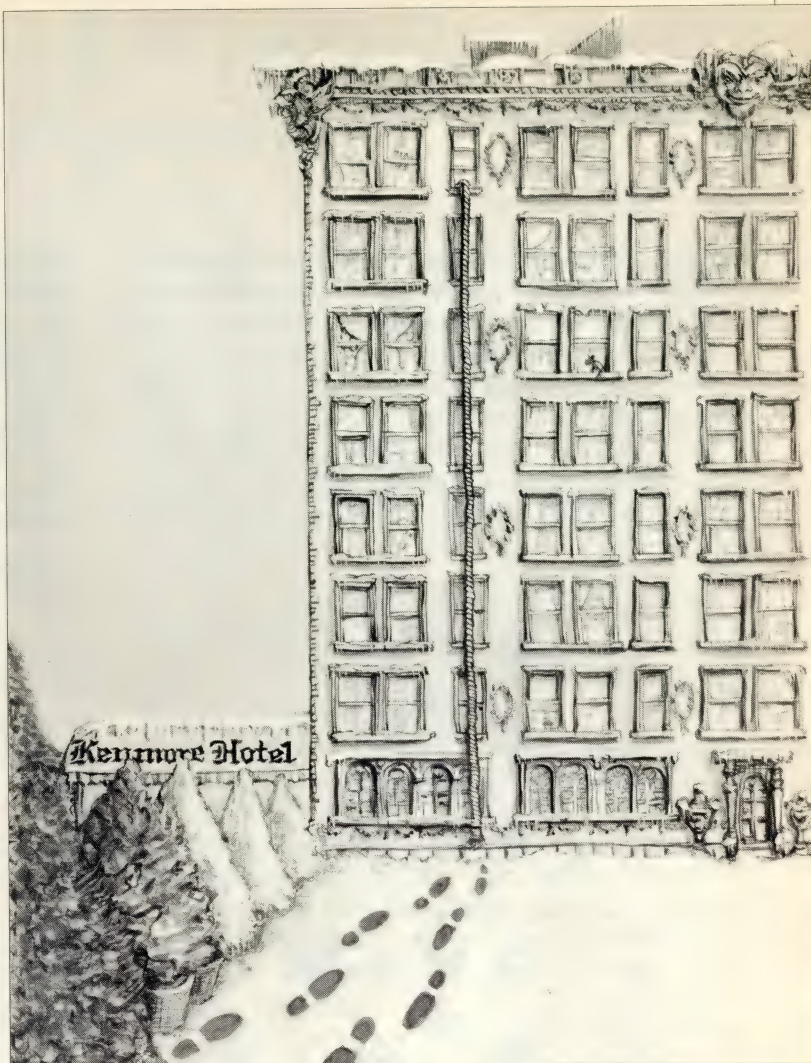
It seemed to most of the detectives that the thief could not have worked without an accomplice inside the hotel. Someone must have tied the rope to the bathroom steam pipe and let it down from the window for him, House Detective Bradley asserted.

"No one else could have accomplished this but Mary Bassett. She must have done it," said Bradley to the other detectives, "and the thief that climbed up seven stories must have been either an acrobat or a sailor. Mark my words, someone who knows how to climb well was the thief."

But Mary Bassett, the detectives found as they cautiously sounded out the widow on the matter, was beyond suspicion. She came of an excellent family, enjoyed an unusual reputation, and had been devoted to Mrs. Palmer-Pitts for seven years.

"Why did you not suggest that *I* did it?" demanded the angry dowager of Detective Bradley when he bluntly stated his suspicion. "Of course she had nothing to do with it."

And so it proved, thanks to the shrewd deductions of Detective Nevins, who soon exploded the house detective's theory, which had necessarily involved suspicion of both Miss Bassett and Mrs. Palmer-Pitts. Nevins pointed out that the door of Mrs. Palmer-Pitts's room, which led to the sitting



room and thence to Mary Bassett's room, was found open. Someone must have unbolted the door, he said. Why? The other door in the widow's room was bolted securely from the inside. This door, as well, had been bolted from the inside. Of this Mrs. Palmer-Pitts was certain. Why was one door opened, Detective Nevins asked, and who opened it?

He proceeded to prove his theory by going directly to a certain place and finding conclusive evidence to support his deductions. Although the thief was never caught Detective Nevins was able, from his wide knowledge of jewel thieves, to name him precisely.

Can you match the detective's deductive powers, and answer the following questions?

1. How did the thief gain entrance to Mrs. Palmer-Pitts's apartment?
2. Where did he go after leaving her apartment?
3. Who unbolted the door between the widow's bedroom and the sitting room?
4. Why was it unlocked?

ANSWERS, PAGE 72



# SQUEEZE PLAY

BY NICK NORTH

★★

**W**e've taken the hearts and diamonds from a deck of cards and laid out the ace through 10 of each suit here. Counting the 10 as zero, and the ace as one, the cards originally made up a simple addition. We thought we'd show you the sum here, but there wasn't quite enough room, so we've had to squeeze the cards together a little so they overlap. To make matters worse, the manufacturer of these cards has neglected to

mark the top left-hand corners with the cards' values, so all that can be seen are the markings on the left sides. As a reminder, an ace, 2, or 3 has no visible markings; a 4 or 5 shows two spots; a 6, 7, or 8 shows three spots; and a 9 or 10 shows four spots.

Can you deduce how the sum read before we put on the squeeze? The value of one of the cards is given, to start you off.

ANSWER, PAGE 76

+

+

2



# JOTTO ON ARES

BY RAYMOND STUART

★★

**T**he one good thing to be said about the inhabitants of the planet Ares is that they love word-play. True, they are blood-drinking savages. Yes, they are scaly, slimy, and malodorous. But show a hulking Ares savage a nice long anagram, and he'll put down his war club and shake your hand. Suggest a game of Daffy Definitions, and you have a friend for life.

I mention this because of the position I found myself in while visiting Ares last year. A supine position is what it was—with an Ares savage crouching over me. I hate to admit this (a seasoned ranger is not supposed to be so careless), but I'd been ambushed in a forest clearing. The savage was raising his war club over his head and licking his chops with both tongues. In that instant, flat on my back with the savage's jaws slavering over me, I managed to say:

"Ever play Jotto?"

The savage hesitated, and looked at me curiously.

"It's a word game," I added quickly. "You'll like it. I think up a five-letter word, and you try to guess it."

"Okay," said the savage. He put down his club and we both went and sat in the shade.

"To find my word," I began explaining, "you name five-letter words one at a time; and each time, I tell you *how many letters* of your word are also in my word. Little by little you deduce what the letters of my word must be."

"Give me an example," he said, scratching his chin with a clawed finger.

"All right. Suppose my word is CAVES. If you guess THICK, I reply that your word has one letter in common with mine—it's the C, of course, but you wouldn't know that yet. You have to use logic, and gradually you zero in."

"Tell you what," said the savage amiably, "I'll think of a five-letter word for you to guess, too. We can take turns guessing."

"Fair enough, friend," said I, slapping the fellow on the back. And we proceeded to play Jotto quite spiritedly until we'd figured out each other's words. When we parted, we exchanged addresses and he told me to be sure to write.

In the event that you too are a lover of word logic, I present here our two sets of guesses. See if you can figure out my word and the Ares savage's. As it happened, both our words had some connection with outer space. Soulmates think alike, I reckon, even across the stars.

ANSWER, PAGE 78

My guesses at his word	Correct letters	His guesses at my word	Correct letters
PIZZA	0	PITCH	0
CHALK	1	WHELP	1
HARMS	1	TUNES	0
DUSKY	0	WHIRL	2
CHIMP	2	LEMUR	1
THICK	2	FLUNK	1
LOSER	2	ROCKY	1

His word:

My word:



# ILL-SUITED

BY VIRGINIA C. MCCARTHY

★★

**T**he annual square dance at the Chantz Town Hall features a drawing for partners for the first round of dances. The kings and queens from a standard deck of cards are dealt out to the men and women respectively in each octet of dancers, and the pairs holding the king and queen of the same suit are declared partners. This year, one such eightsome was formed by Celia, Delia, Cora, Dora, Barry, Larry, Boyd, and Lloyd—all of whom had taken great pains to dress for the occasion. Their tops (one blouse and one shirt in each of checks, paisley, polka dots, and sequins) were accented by neckerchiefs (one man and one woman per color) in red, orange, purple, and pink. As fate would have it, each of the four resulting partnerships was conspicuous for its clashing neckerchiefs and inharmonious tops, with no matching top pattern or neckerchief color among them.

Given the clues below, can you delineate the partnerships at this year's hoedown by first names and suits drawn, and assign to each individual a neckerchief color and a blouse or shirt pattern?

ANSWER, PAGE 72

1. No one who drew a red suit (diamonds or hearts) wore a red neckerchief.
2. Celia and the holder of the queen of diamonds were partnered—not necessarily respectively—with the man in the sequined and checked shirts.
3. Delia, Barry, and the woman in sequins were all three dealt black cards (clubs or spades).
4. One wearer of a purple neckerchief drew a partner who was decked out in a paisley top and an orange neckerchief.
5. Dora wore neither polka dots nor checks.
6. The holder of the king of spades (who did not wear polka dots) was paired with the woman in the orange neckerchief.
7. Cora and Lloyd had the same color neckerchiefs, while Cora's blouse was the same pattern as Boyd's shirt.

NAME _____	and	NAME _____
CARD _____		CARD _____
NECK. _____		NECK. _____
TOP _____		TOP _____

NAME _____	and	NAME _____
CARD _____		CARD _____
NECK. _____		NECK. _____
TOP _____		TOP _____

NAME _____	and	NAME _____
CARD _____		CARD _____
NECK. _____		NECK. _____
TOP _____		TOP _____

NAME _____	and	NAME _____
CARD _____		CARD _____
NECK. _____		NECK. _____
TOP _____		TOP _____



# KEYED UP

BY BOB STANTON

★★

**A**fter many adventures in a magical world, you have obtained four magic keys of brass, crystal, gold, and silver. Now you face four doors of

oak, ebony, ivory, and pine. On the wall above them, this message is carved:

ANSWER, PAGE 72

## STRANGER!

The treasure you seek is behind one of these doors. To obtain it, you must first open each of the doors by standing before it, pronouncing one of the magic words "Sesame," "Coriander," "Poppy," or "Cumin," and then inserting one of the keys you bear. Each door requires a different magic word and key. The treasure will be behind the last door you open. But take heed of the six rules carved below! If you violate a single one of these, the treasure will be lost forever and you will be reduced in rank from wizard to lizard.

1. Remember that the door behind which the treasure is locked is not of oak and cannot be opened with a non-metallic key or with any magic word that begins with the letter C.
2. Do not utter the word "Poppy" until after you have used the brass key.
3. Do not speak the word "Coriander" in front of an ivory door, or insert the crystal key into a wooden door.
4. Do not use the brass key until you have spoken the word "Sesame" in conjunction with a different key.
5. Do not use the gold key first, or with the pine door, or at any time after you have spoken the word "Cumin."
6. Do not try to open the pine door last.

Can you get a handle on which key fits which door with which magic word, and in what order, and so claim the hidden treasure?

	Oak	Ebony	Ivory	Pine	1	2	3	4	Sesame	Coriander	Poppy	Cumin
Brass												
Crystal												
Gold												
Silver												
Sesame												
Coriander												
Poppy												
Cumin												
1												
2												
3												
4												



# THE PING-PONG REPORT

BY RAYMOND STUART

★★

**T**he editor-in-chief of the *Daily Sphere* was distressed when her sports reporter, Sam Dithers, rushed wild-eyed into the office.

"Here's my story on that ping-pong tourney, chief," Dithers panted.

"Table tennis," corrected the editor, picking up the reporter's chaotic-looking manuscript.

"Yeah, right," said Dithers, backing out the door. "Well, I gotta go."

"Not so fast," said the scowling editor. "This manuscript is a mess. As usual."

"Sorry about that," said Dithers. "But my sister's getting married downtown, and I'm already late. Gotta run."

The editor sighed, resigned to her fate. Dithers' footsteps clattered down the hall, punctuated by the sound of a trash can spilling.

Leafing dispiritedly through Dithers's manuscript, the editor discovered no story line at all, but merely a collection of randomly scribbled sentences. These the editor numbered, as follows:

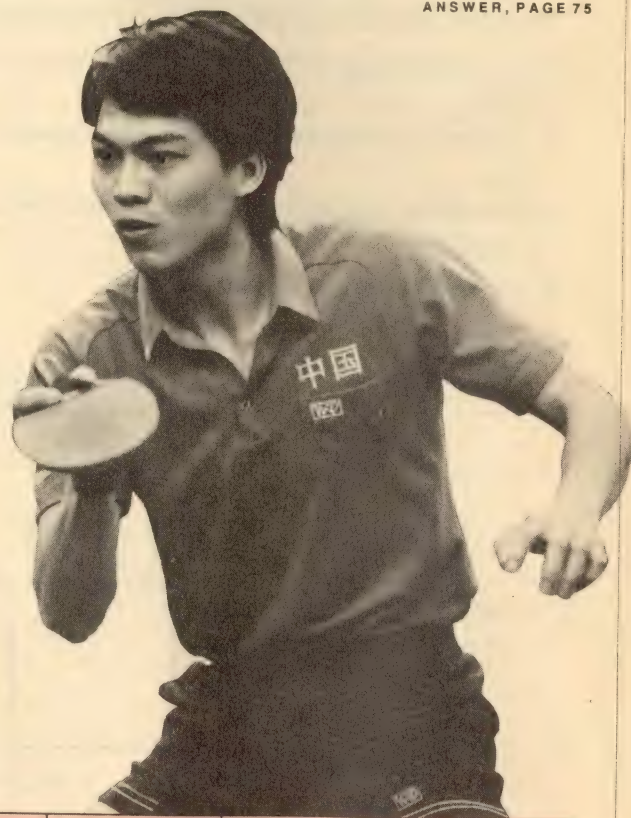
1. Because of the huge number of entrants in the tourney, they decided that each game should be played up to 11 points, as opposed to the conventional 21, to save time. It still took hours before two competitors had won their way through to the final.
2. Each rival in this best-out-of-five-games final was backed by dozens of vocal supporters, who chanted the first name, Li or Xu, of their favored competitor.
3. The two players won alternate games, and no two scores in the match were the same.
4. All games ended with the winner having 11 points and at least a two-point margin of vic-

tory; each player scored at least one point per game.

5. The two players scored a total of 82 points.
6. Xu's losing scores got progressively higher as the match progressed, but Li's losing scores got progressively lower.
7. The sum of the digits in Qing's five scores was equal to Min's final-game score.

The editor, being a clever sort, soon determined the full name of each competitor and the score of each game. Can you do the same?

ANSWER, PAGE 75



PLAYER	1	2	3	4	5

BETTMAN NEWSPHOTOS



# WHO'S WHO AT THE SITTING DUCK?

BY VIRGINIA C. MCCARTHY

★★

**T**he somnolent town of Pedanton was rudely awakened one day by the rumor of a local murder. And, indeed, the headmaster of Pedanton Academy had been found slumped over his desk, done in with a blunt instrument. The local police brought their wits to bear on the puzzling murder. But they found themselves unable to crack the case, and were forced to bring in four detectives from outside. The four (Coverley, Façade, Lerkwell, and Veilsworth) quietly converged on Pedanton and, through discreet inquiries, learned of a pub called The Sitting Duck and of four of its observant regulars (who were known as the "delivery boy," "ironmonger," "street musician," and "town busybody"). The detectives (whose first names were Art, Bart, Cliff, and Dick) responded by assuming false occupational identities (lorry driver, roof thatcher, sheep-shearer, and tweed salesman), penetrating The Sitting Duck, and slyly entering into conversation with the fingered four (whose first names were Egbert, Filbert, Gilbert, and Hubert). Each detective chatted with a different pub regular; and they found their subjects so full of information that the case was closed within the week.

Given the clues below, can you match each detective—by full name and assumed occupation—with the first name and local identity of the pub regular he interviewed? ANSWER, PAGE 76

1. Cliff was able to initiate (and sustain) conversation with his quarry only by standing against the wall with him, and, in the duration, buying four rounds of drinks.
2. The detective who assumed the role of a roof thatcher had more drinks than had either Dick or the street musician.
3. The would-be lorry driver (who did not, that evening, sit in a booth) cozied up to the ironmonger—who had only two drinks.
4. The Sitting Duck's seated customers included Hubert and Lerkwell.
5. Art and Egbert retreated to a booth for their tête-à-tête.
6. The following three had at most three drinks apiece: Façade, the delivery boy, and the one who posed as a sheepshearer.
7. Coverley slid onto a barstool next to Filbert, and was thereby hit up for more rounds of drinks than were any of his colleagues.

	ART	BART	CLIFF	DICK
LAST NAME				
ASSUMED OCCUPATION				
PUB REGULAR				
LOCAL IDENTITY				





# CURTAINS

BY H.A. RIPLEY



**C**laudia Mason, beautiful and popular young actress, was found lying across the chaise longue in her elaborately furnished dressing room, dead from a bullet wound in the temple.

She had sold her jewels and, with an heroic gesture, partially paid her many debts.

Near Claudia's right hand, Sergeant Reynolds picked up the revolver with which she had been killed, and after careful examination said:

"No fingerprints, of course. Well, Fordney, there's two rocks she didn't sell." He pointed to a large emerald on her left hand and a diamond on her right.

"Call Maria, her maid. I want to find out who this fellow is," said the Professor, nodding toward a man's photograph, signed Juan.

"This was evidently addressed to him," he said, passing over a note which read:

*Dear Juan,  
I am so despondent. The money from  
my jewels was not nearly enough.  
Claudia*

"Not many of these dames kill themselves over their debts," muttered Reynolds as he went to call Maria.

The maid entered the room, sobbing and hysterical.

"Who is Juan?" asked Professor Fordney.

"He's the leading man in the show."

"Why wasn't this note delivered to him?"

"I forgot it."

"You found her?"

"Yes. When I came to help her dress—she—was—like that!"

"Is Juan in his dressing room now?"

"I believe so."

When Reynolds brought him into Claudia's room, he dropped to his knees beside the dead girl.

"My God! She's killed herself!"

"No, she hasn't. She was murdered," said the Professor.

**Why was he sure it was not suicide?**

ANSWER, PAGE 76



# THE LADY'S DIAMONDS

BY BOB STANTON

★★

Last Friday, five weekend guests arrived at Lady Irene Castleworth's mansion. Shortly before 3:00 P.M. on Saturday, the jeweler delivered Lady Irene's exquisite new diamond necklace. She immediately took it to the library, locked it in the safe, and returned to the drawing room. When she opened the safe at 5:00, intending to wear the diamonds at dinner, the necklace was gone. No one else knew the safe's combination.

Inspector Thorn soon arrived and questioned everyone in the house. He concluded that the theft had been committed by one of the guests, who was alone in the library for ten minutes or more, since it would take that long to figure out the safe's combination. Thorn's notes concerning the guests' movements from 3:00 to 5:00 read as follows:

1. No guest who left the library reentered it.
2. The hall clock, which chimes once every fifteen minutes, was chiming just as each guest entered or left the library.
3. As Lady Irene left the library at 3:00, she noticed two guests in an alcove, both about to enter the library. The corner was in shadows, but she recognized Ms. Kane's white headband and Bernice's blonde hair and yellow silk slacks. Ms. Kane and Bernice were gone when Lady Irene returned to the library at 5:00; instead, she found Ms. Lewis and one other guest examining her first editions.
4. Alicia and Ms. Morris did not see each other during the time in question.
5. The gardener noticed Daphne strolling in the garden for at least an hour.
6. Ms. Jekyll, who is Daphne's aunt, entered the library just as Catherine was leaving.
7. After Evelyn had been in the library for half an hour, Ms.

Neville came in to search for her reading glasses.

8. A guest entered the library at 3:30.

9. A dark-haired guest left the library at 3:45.

An hour later, another guest emerged alone from the library, wearing a blue jogging suit and running shoes.

10. Both Alicia and Ms. Neville wore jogging suits. Ms. Jekyll wore riding breeches and boots. No guest changed her clothes between 3:00 and 5:00.

Given these notes, assign first and last names to the guests, establish the time each guest spent in the library, and identify the thief.

ANSWER, PAGE 76





# ART SCAM

BY CAROL EASTMAN

★★★

## Forger Nabbed

NEW YORK—Willie “Hot Brush” Schmidt, who has been wanted for suspected art forgery for two decades, was arrested today at Kennedy International Airport by U.S. Customs officials. Four small paintings alleged to be first-class forgeries were found in his possession, among them a seascape, a picture in the style of Monet, and a picture in the style of Degas. Prominent collectors had reportedly promised to purchase the paintings.

“It was the cast on Willie’s arm that tipped me off,” reported one customs official. “Our European contact saw Willie in France yesterday with two healthy arms. We had the cast removed and found one of the paintings rolled up around his arm.” Also recovered were a portrait, a forged van Gogh, and a

painting Schmidt had sold to financier H.B. Melton.

Schmidt was famous for the hiding places he chose for his works. One of the paintings found today, which had been purchased by art collector W. James Weathergill, was rolled up in a can of tennis balls. Another (not the seascape, which was too large) was coiled into an empty thermos bottle. A third painting, (not Schmidt’s clever Degas forgery) was concealed

in a hollowed-out telephoto lens.

In addition to the painting found in the thermos bottle, officials reported Schmidt brought in a forged Renoir, a street scene, and a painting allegedly sold to industrialist Mito Sakamaya.

“Mr. Sakamaya was originally offered the van Gogh,” said a spokesman for the industrialist. “The crudeness of the colors led him to suspect a forgery, and he turned it down. Mr. Sakamaya regrets, however, that he did agree to

buy one of the others.”

Real-estate tycoon Raymond Cripp admitted through a spokesman that he, too, had agreed to purchase one of the paintings. “At least he didn’t fall for the portrait,” said Cripp’s spokesman. “That one was a blatant fake.”

Schmidt himself defended his paintings, saying that they were works of art in their own right. “Just look at the brushwork in that still life,” he said. “The master himself couldn’t have done better.”

	Monet	Renoir	Degas	van Gogh	cast	tennis can	thermos	telephoto	Cripp	Melton	Sakamaya	Weathergill
seascape												
portrait												
street scene												
still life												
Cripp												
Melton												
Sakamaya												
Weathergill												
cast												
tennis can												
thermos												
telephoto												

From this account, can you match each of the four forgeries with the artist imitated, the hiding place used by Willie, and the duped collector?

ANSWER, PAGE 78



# TRIMATE TRIBULATIONS

BY ROGER HUFFORD

★★

**O**n the planet Tiberon, people are trisexual. Each marriage consists of three individuals: a Polar (who, by the way, always tells the truth), a Polee (who makes only false statements), and a Nexus (who makes statements that are alternately true and false—or false and true). Three marriage partners are said to be “Trimates.”

Romeov and Julien come from two different noble families of Tiberon. They are in love and wish to marry, but first they must choose a suitable “Trimate” from a third noble family. Perhaps you can help them; it is no easy task.

Below are comments from the members of three different noble Tiberon families. There are 12 people in all: the three Trimate parents (one Polar, one Polee, and one Nexus) of each family, and one child from each family. Romeov and Julien are two of the children; the third child is the one who will join them in a Trimate marriage. If you can identify the three sets of parents, the three children, and the sex (Polar, Polee, or Nexus) of each person, then you will be able to name Romeov and Julien’s Trimate partner, who will join them in holy ma’tri’mony.

ANSWER, PAGE 79

1. Esta is a Polar.
2. Lara is a Polar.



ABRON

1. Hevith is a Polar.
2. Lara is a Nexus.
3. Negg is not a parent, but a child.



BANDU

1. Julien is a Polee.
2. Negg is not a Polee.
3. Abron is a Polee.



CORG0

1. Romeov is the same sex as Abron.
2. Lara and Corgo are parents of Romeov.



DILVA

1. Julien is the same sex as Negg.
2. Bandu and Dilva are not the same sex.



ESTA

1. Hevith is a Polar.
2. Formu and Abron are parents of Julien.
3. Corgo is a Polar.



FORMU

1. Polla is a Nexus.
2. Negg is a Polar.
3. Esta is not a Nexus.



HEVITH

1. Dilva and Formu are Trimates.
2. Romeov is not a Polar.



LARA

1. Corgo is a Nexus.
2. Abron is a Polar.
3. Formu is a Nexus.



NEGG

1. Corgo and Hevith are Trimates.
2. Abron and Dilva are Trimates.



POLLA



ROME0V



JULIEN



# BOP TILL YOU DROP

BY H. A. FASKE

★★★

**W**hen the Rock 'n' Soul Juke Joint, a new hot spot in Memphis, Tennessee, announced a three-day dance marathon, several dozen couples arrived to see how long they could do the latest dance, the Kingsnake Shake. The five top-finishing couples all slithered and coiled for a whole number of hours. Two of these couples outlasted all the others, and danced the same whole number of hours; but when one couple finally faltered, the other was immediately declared the winner.

Given that the men's names were Al, Bob, Chris, Dan and Ernie; that the women's names were Frances, Glenda, Helen, Inez, and Janet; and that these people were in some order Anderson, Baker, Carson, Evans, Fox, Grant, Hake, Lane, Phillips, and Wallace; use the clues below to determine each dancer's full name, partner, number of hours on the floor, and the place they finished, from first to fifth.

ANSWER, PAGE 80

1. Mr. Fox and Ms. Lane finished third, with Phillips second.
2. Bob danced with either Ms. Grant or Ms. Hake.
3. Dan and his partner danced two hours fewer than the winners and runners-up; Dan danced one hour more than Evans.
4. Helen and her partner Ernie placed higher than Dan and Al.
5. Al and his partner (who was not Baker) danced for 52 hours.
6. Chris danced four hours fewer than Inez.
7. Neither Glenda nor Ms. Baker placed as high as Hake.
8. Frances Carson and her partner (who was not Wallace) danced for 49 hours.

	Al	Bob	Chris	Dan	Ernie	Frances	Glenda	Helen	Inez	Janet	1	2	3	4	5
Anderson															
Baker															
Carson															
Evans															
Fox															
Grant															
Hake															
Lane															
Phillips															
Wallace															
1															
2															
3															
4															
5															
Frances															
Glenda															
Helen															
Inez															
Janet															

	Couple	Hours dancing
1		
2		
3		
4		
5		



# SWEET EIGHTEEN

BY ROBERT E. NELSON

★★★

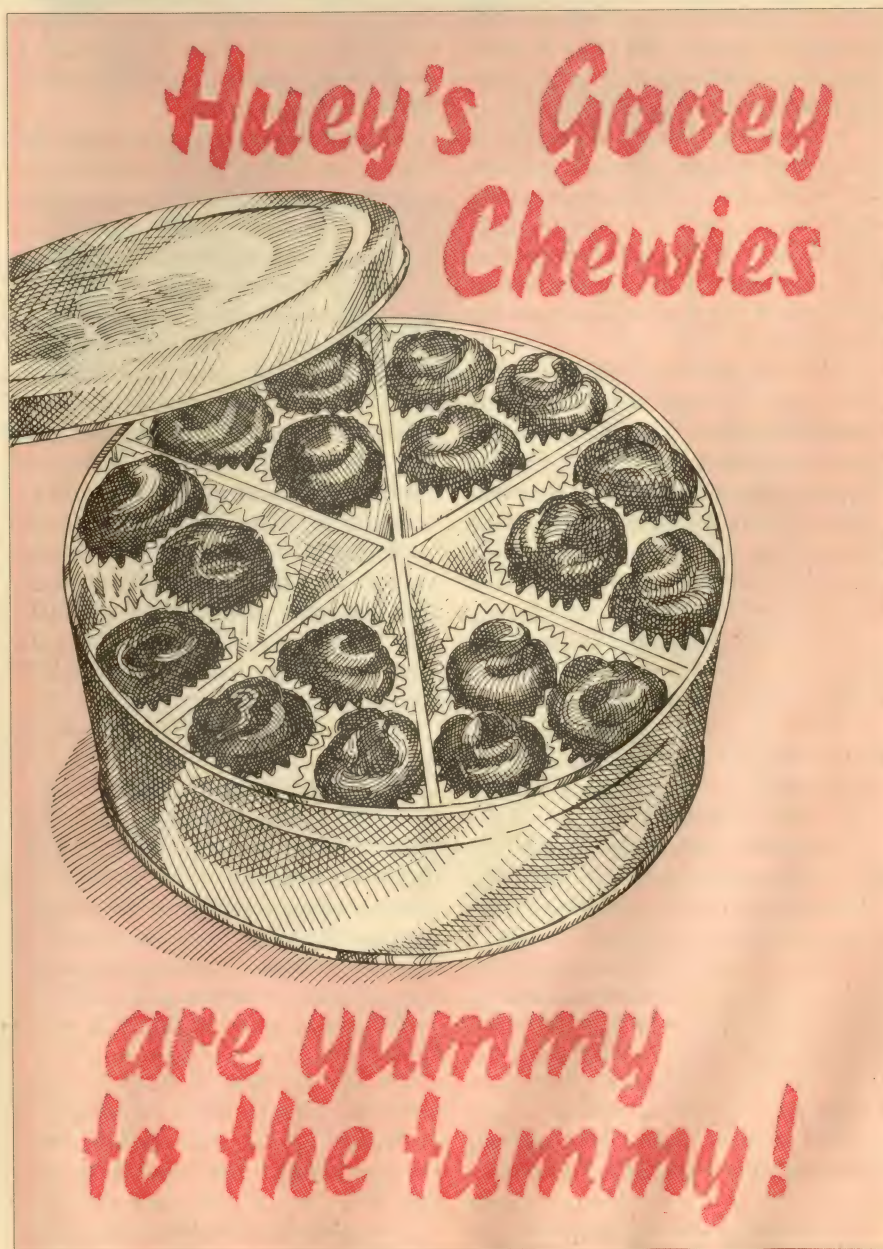
A company located in Sweet Home, Oregon, has begun making candies. The outfit, known as Huey's Gooney Chewies, makes six types of chocolate-covered nuts (peanut, pecan, cashew, hazelnut, walnut, and almond), six types of chocolate-covered creams (vanilla, chocolate, strawberry, mocha, marshmallow, and maple), and six types of chocolate-covered jellies (straw-

berry, lemon, orange, mint, apple, and raspberry). An advertising poster has been made, showing one of each type of Huey's Gooney Chewies in a circular arrangement of six sections. Within each section is a group comprising one nut, one cream, and one jelly.

From the clues below, can you locate all 18 candies, group by group, going around the circle?

ANSWER, PAGE 76

1. The almond's group comes directly between that of the orange jelly and that of the hazelnut.
2. The marshmallow cream is two groups clockwise from the mint jelly and opposite the pecan.
3. The apple jelly is two groups clockwise from the cashew, and two groups counter-clockwise from the strawberry cream.
4. The peanut is one group clockwise from the mocha cream, and two groups counter-clockwise from the raspberry jelly.
5. The vanilla cream is opposite the strawberry jelly.
6. The lemon jelly is two groups clockwise from the maple cream, and two groups counter-clockwise from the hazelnut.
7. The two strawberry candies are in different groups.







## A MATTER OF MINUTES

BY SCOTT MARLEY

★★

See page 14 for directions.

I was too excited to remain late in bed last Wednesday morning. The previous day's mail had brought me a whole batch of one **49A** stamps from a friend stationed near Milan—his return address was an **50D** (abbr.) number in Tampa, **48A** (abbr.)—and I had risen early, eager to begin pasting them in my album.

So I was understandably annoyed when Alex Knight phoned me and said he needed my help at once. Still, when the great detective sends out an **36D**, there's always a good reason for it. I reluctantly closed the album and **45D** uphill the seven blocks to his apartment.

I discovered him squinting at his fried eggs through the **73A** of his magnifying glass. "I shall have to instruct Georgina once more on the **41A** and don'ts of what the Romans called '35D fricta,'" he sighed. "And this melon isn't **3D** at all." He sprinkled oregano and **8D** on his eggs and began to eat.

"So what's going on?" I asked, as I **70A** on the mantelpiece. "Why is Lieutenant Iggesby here?"

"Don't be obtuse. It's the Mankos case," said Alex, pouring me a cup of undrinkably strong **29A**. "Surely you've heard about it?"

"I read the **39A** (abbr.) report in the morning paper," I replied. "Joshua Mankos, the music critic, was murdered late last night."

"Mankos was writing in bed when someone came in and shot him five times," said Lieutenant Iggesby. "He stumbled out of bed just before he died. There was more **1A** than in a low-budget horror movie."

"I'm all **64A**," said Alex eagerly. "Describe the scene of the crime to me."

"It's a large bedroom," said Iggesby, "and looks even larger be-

cause of the **21A** that covers the entire south wall from floor to ceiling. The bed is against the north wall. On the left of the bed is a **57A**; on the right stood a **32D**. The woman next door saw the scene just moments after the shooting. Perhaps you'd like to come to the station and have a **14D-a-14D** with her yourself."

Fifteen minutes later we were listening to Millicent Featherdown describe the events of the previous night. "It was a clear, **9D** night," she began. "I was watching **72A** (2 wds.) reruns on the television when suddenly I heard shots from next door. I ran over at once to **24D** if Mr. Mankos was all right. The door was locked, but the bedroom curtains weren't quite **9A**. I looked through the **57A** and there was Mr. Mankos lying on the floor next to the bed. He was **74A**, and all the blood everywhere made me feel **22D**. I couldn't **52A** a sound. I was so horrified that I **46A** fainted." Mrs. Featherdown wiped away a **38D**. "He had **54A** the **32D** next to the bed, and everything on it had tumbled to the floor."

"What was on the floor?" asked Alex.

"I remember a clock, and a picture in an **2D** frame. I only got a quick glimpse of the room, because at **37A** moment someone—the killer, no doubt—came up behind me and hit me on the head, knocking me out. I don't remember anything else until the police found me lying in the **56D**."

"Do you know what time you were knocked out?" asked Alex.

"It was **4D 29D** exactly. I know because of the clock on the floor."

After Iggesby had taken Mrs. Featherdown into the next room, we talked.

"What kind of **13A 1D** in one's **56A** (abbr.) makes one capable of such a

grisly crime?" I said.

"More likely it's cash, not chromosomes," said Alex, writing in his notebook. "Had Mankos an **10D**?" he asked Iggesby.

"Three of them, and we're pretty sure one of them did it. There were no signs of a break-in. Mankos always **5A** the key to his house under the **47D** so his children could **65A** at any time. Since only his children knew about the key, it has to be one of them. **17A** one of them stands to inherit a bundle. I've had them **53D** since last night, but so far none of them has done anything suspicious. The big problem is, each one has an ironclad **28D**. I've got the **30A** right here," he said, picking up a sheet of paper.

As Iggesby spoke I watched Alex draw a round clock face in his notebook. Then he **61D** the paper out of the book, turned it over, and held it up to the light. His actions mystified me.

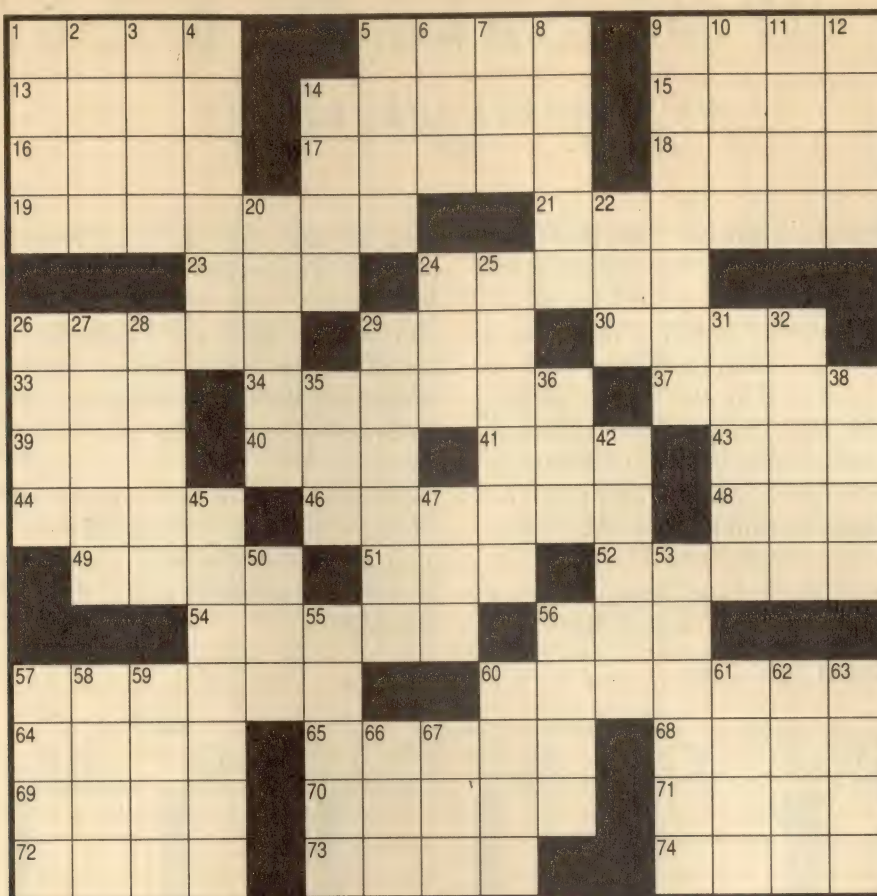
"The eldest child is named **58D**," Iggesby continued. "Three years ago he became a devout orthodox Jew, and since then has criticized his father for having neglected his heritage and not knowing any of the Jewish **68A**. Last night he had a late class a few blocks from Mankos's house, and witnesses say he didn't leave until **4D 29D** precisely. Even driving his **51A**, he'd need a minute or two to get to his father's house."

"What sort of class?" I asked.

"He was learning the **14A**. Funny thing, though: He doesn't know how to read or **24A** in Hebrew, so he's memorizing it by **69A**. The second child is named **40A**, and she's a famous operatic soprano starring in **18A** here in town."

"Not the divine Rigatoni?" I gasped. Only Friday I had heard her





sing the beautiful **62D**, "O patria mia." She had a **67D** that made her look truly Egyptian, although she had certainly acquired it on the Riviera. Her backless, floor-length costume had shown off the **16A** of her neck, and as she walked I had glimpsed now and then a delicate **20D**. "But isn't she Italian?"

"No, she's **40A** Rigatoni **66D** Mankos, all right. She was on her way to a nearby cast party after the opera last night, and witnesses say she showed up precisely at **4D 29D**. Even in a taxi, it would have taken her a minute or two to get there from her father's house."

"Any motive besides the money?"

"Mankos was as tyrannical as a Russian **12D** with her. There's been a **26D** between them for years. He was writing a review of her latest role when he was murdered. Have a look."

We read the paper Iggesby handed us. It was handwritten, and began: "Last night, Ms. Rigatoni may have been trying to **19A** opera to new heights, but instead she sank it down a mine **31D** of unfathomable depths.

May I be **26A**? Sensitive ears were **42D** by each harsh note, and her entire performance was enough to **27D** all who truly **5D** music. Every time she raises her voice, she **34A** our morale. Though it is now too late to **11D** the harm she did last night, perhaps there is still time to ask the governor for a **25D**."

"If she shot him, I can't say I blame her," laughed Alex. "Who's number three?"

"The youngest child is named **43A**. He's a ne'er-do-well, and as slippery as an **33A**. He's spent the last five summers bumming around Europe, traveling **7D** and wide, from the south of Greece to old **71A** in the north. He's been constantly in **44A**; when he was home he was always asking his father to **63D** him a few **15A** or twenties, which he spent in various **60D** of iniquity. At **4D 29D** he was making a connection at the airport 15 miles from here. He arrived on a flight five minutes **6D** the crime, and five minutes after it he was on another flight heading due **23A** (abbr.) out of town."

Alex closed his eyes and spoke. "So

we have one suspect whose **28D** ends precisely at **4D 29D**, another whose **28D** starts at **4D 29D**, and a third who has no **28D** for **4D 29D** exactly, but who couldn't have killed Mankos unless he could travel 30 miles in a matter of minutes."

"Exactly," replied Iggesby. "So can you figure this out?"

"A trivial case for a detective of my abilities," said Alex.

"Your head's starting to **55D**," I warned him. "Surely you can't have solved the case already?"

"I think I'm getting **57D**," smiled Alex, scribbling a few words on a piece of paper. "Give this **59D** to Mrs. Featherdown, and ask her to answer the question I've written on it." Iggesby took the paper out of the room and returned a few moments later.

"She says it was **60A**," said Iggesby.

"Just as I suspected," chuckled Alex. "And now I know who killed Joshua Mankos."

**What question did Alex ask Mrs. Featherdown?**

**Who killed Joshua Mankos?**

ANSWER, PAGE 77



# SHAKE-UP AT SHAMUS & SHAMUS

BY VIRGINIA C. MCCARTHY

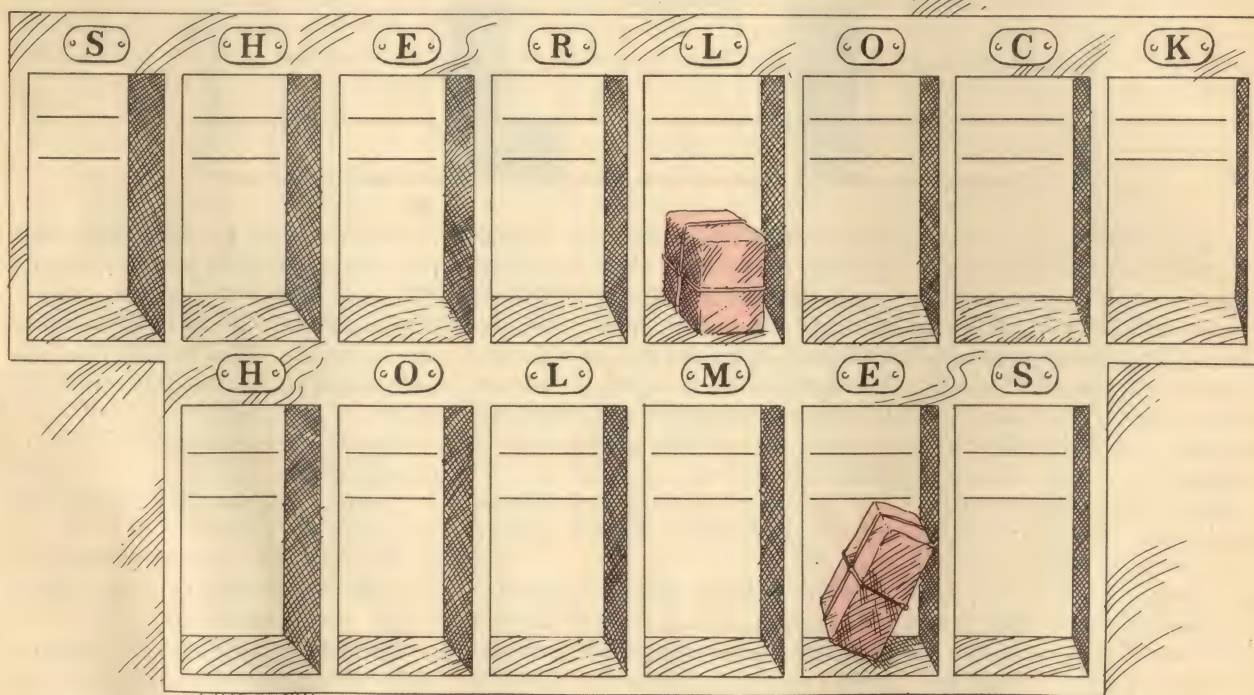
★★

**W**hen the new understudy-clerk showed up at Shamus & Shamus Detection Services for his first day on the job, he emitted an air of bristling alertness. Left to himself in the central office, he studied the initialed mailboxes (shown below) that were provided for the Shamuses and their 12 operatives. He promptly discerned the one-to-one correspondence between the initials displayed on the mailboxes and the initials of the detectives' first names (which were Sal, Harry, Ed, Russ, Lee, Ollie, Chas, Kurt, Herb, Ozzie, Lew, Mel, Erle, and Sam). Confident of having cracked the code, he briskly slotted the day's

mail accordingly. As luck would have it, the recipients expected the mail to be sorted by their *last* initials (the operatives' last names were Harkin, Entur, Ruter, Lockman, O'Lerk, Clew, Knail, Hooph, Orbe, Loyter, Merk, and Eyer, not forgetting the two Shamuses) and their first detective work of the day was to track down their mail.

The illustration below shows which boxes received a package, in addition to their regular mail. From the following clues, can you give each detective's full name and deduce the location of his mail?

ANSWER, PAGE 79



1. The six whose first *and* last initials are consonants include Sal, Kurt, and Lockman—who is the only one of the six with the same first and last initial.
2. Ozzie's mail and Harry's mail was *not* placed in boxes that were side-by-side.
3. Clew's mail was directly above Harkin's—which, in turn, was *not* right next to Ollie's.
4. Erle—whose mail was placed in the same tier as both Knail's and Hooph's—did not receive a package.
5. O'Lerk's mail was directly above Loyter's and right between Orbe's and Ruter's.
6. Lee (who is not Lockman) found his mail—*not* a package—directly to the left of both Entur's and one of the Shamus's.



# CLUB HUBBUB

BY CAROL EASTMAN

★★★

**B**'gad, things have come to a pretty pass if a man isn't safe from theft in his own club!" exclaimed the oldest member. "It's an outrage. Fellow had his gloves stolen, right out of the cloakroom. Another fellow's favorite walking stick was pinched. A chap's private brandy stock mysteriously depleted. Another chap's cigar humidor completely empty. As good as Havanas they were, too. And another fellow had a gold fountain pen lifted. The same thief took all of these things. Disreputable doings, what?"

"These five fellows and the thief were all together at the club the night the thief was brought to punishment. His membership was revoked, poor chap. No club in London will have him now."

From the following clues, can you pair each of the six men with his occupation, match up the five missing objects with their owners, and identify the thief?

ANSWER, PAGE 77

1. Billings and the scientist had dined together in a restaurant, but the other four—the man who missed his fountain pen, the lawyer, Ambrose, and the man whose gloves were missing—all ate together in the club dining room.
2. Later, in the club lounge, four of them played bridge—the man whose cigars were gone, the man whose walking stick disappeared, Cholmsley, and the colonel. The other two, Daniels and the diplomat, played a game of chess.
3. Only the broker and Forrester both ate at the club *and* went on to play bridge.
4. Ambrose and the doctor were partners at the bridge table.
5. Eamsby's gloves were not stolen.
6. Billings does not smoke cigars.
7. The man whose brandy was stolen had dined with the man whose walking stick was missing.

	broker	colonel	doctor	diplomat	lawyer	scientist	brandy	cigars	fountain pen	gloves	walking stick	thief
Ambrose												
Billings												
Cholmsley												
Daniels												
Eamsby												
Forrester												
brandy												
cigars												
fountain pen												
gloves												
walking stick												
thief												



# COVERING THE OUTFIELD

BY VIRGINIA C. MCCARTHY

★★★

**O**n the first day of spring the coach at Sandlot Secondary issued a memo inviting all interested students to come out for after-school softball practice. The size of the turnout at the first practice exceeded the coach's highest expectations, and he found himself faced with a solid bloc of die-hard enthusiasts. In order to accommodate all fairly, he put together two teams (the Fourbaggers and the Stealers) which included five outfielders each (left field, left-center field, center field, right-center field, and right field). When three more avid softballers—who declared themselves willing to play only certain outfield positions—showed up at the second practice, he

dubbed them “utility second-string” outfielders and retained the show-ups at the first practice in their fixed first-string positions. His roster of outfielders now comprised six girls (Bea, Flo, Jenny, Nan, Pru, and Tina) and seven boys (Dwayne, Hank, Lance, Rex, Vince, Xerxes, and Zach)—whose collective last names were: Ahrens, Cline, Ensley, Grimm, Inman, Kling, Mason, Ober, Quint, Sparks, Usher, Weeks, and York.

Given the following observations on the first Fourbaggers vs. Stealers practice game, can you identify the first-string and second-string outfielders by full name, team, and position(s) played?

ANSWER, PAGE 80

1. The girls—of whom more play for the Fourbaggers than for the Stealers—all have first-string positions.
2. The last names of all the players who start or substitute in left or right field alphabetically precede the last names of all who start or substitute in center, left-center, or right-center field.
3. Lance refuses to play the right field position.
4. In one half of the eighth inning Ms. Cline, Sparks, Nan, Xerxes, and Inman—from left to right and in the order given—were stationed in the outfield.
5. Ensley, Tina, and Zach (who is a first-stringer) play the same respective positions for their team as Grimm, Mason, and Jenny do for theirs.
6. York's outfield position is the one right between Hank's and Usher's.
7. At the top of the seventh inning Kling (who is not Hank) ran out to the left field position to replace Pru; then at the bottom of the seventh Ober and Dwayne came onto the field to replace (not necessarily respectively) Rex and Ms. Quint. (*Note:* A player once removed from the game is out for the rest of the game.)
8. The only second-stringer who is prepared to substitute at only one position is the one who replaced Flo.

## FOURBAGGERS

## STEALERS

Name	Position	Name	Position



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Editor: Will Shortz • Assistant Editor: Mike Shenk

**INSIDE AND OUT**  
By Will Shortz  
★★

Each sentence below has a hidden word that is defined somewhere in the line. For example, sentence #1 conceals the word AFFINITY, which is defined as "liking." (The number of letters in the answer is shown in parentheses.) Enter each answer in the grid beginning in the appropriately numbered square and proceeding along the outlined path. When all the answers have been entered in this way, the shaded squares on the grid's border—starting in the upper left corner and reading clockwise—will spell a quote by Christopher Morley.

1. By covering the sheet with paraffin, it yielded a luster to the worker's liking. (8)  
2. If the girls look promising, let one try out for the team. (9)  
3. The sound of the bird in Handel's oratorio left me bewildered. (6)  
4. Seven visitors remained in part of New England. (5)  
5. The darkness had everyone scared. (5)  
6. Ray, the clean-up man, described the circus to Diana. (9)  
7. The hungry fox encircled the sleeping farm animals. (4)  
8. We discussed a political theory of freedom in our philosophy class. (6)  
9. Our next entry in the talent competition shows room for improvement. (6)  
10. It's hard to overcome a downwind in a field of expert bicyclists. (6)  
11. The metal pin enabled me to fix the Swiss watch. (6)  
12. Several taxpayers don't think the rate adjustment is fair. (4)  
13. The Indian language is behind in the development of new words. (5)  
14. Father ran downtown on a quick trip to the store. (6)  
15. We need to repair a diode in the receiver. (5)  
16. Martha taught the yogi some tricky kind of exercises. (9)  
17. Color showed in the violent anger in each man's face. (9)

PENCILWISE PLUS ANSWERS BEGIN ON PAGE A14.

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## CASE FULL OF HOLES

BY H.A. RIPLEY



**S**traddling the feet of the slain man, Professor Fordney dropped a quarter into the slot, after removing the telephone receiver from the hook, and the clicking sounds as he dialed broke the deadly silence in the smoke shop. He waited impatiently for headquarters to answer.

"Hello ... give me Inspector McFee ... Charlie? ... 'Poker Face' Hamlin was just murdered in this phone booth, 23B Bleeker street...yes...I'll wait."

"What in the devil are you doing down here?" McFee asked Fordney, arriving at the hole-in-the-wall.

"Why...I was just passing...." The Inspector looked at the feet in the phone booth of the bullet-riddled body sprawled on the floor of the shop.

Pazzaro, the owner of the store, shrinking at the sight of McFee, said, "This man...he use the phone. While he talk he keep his eye on the door...he look scared. I watch him. He talk a minute, then I hear him scream into the phone, 'Eddy, God...they got me...it's...'

"Then a fellow fire a machine gun from the doorway and the dead man try to say more to the phone but that machine gun...more bullets...he drop receiver...grab stomach with both hands and fall."

"How did he get almost out of the booth?" demanded McFee suspiciously.

"The door...it was half open...no nothing been touch...he tell you," pointing to the criminologist, "he come right after it happen!"

"Yes...I wish I'd been a bit earlier, Charlie," Fordney said quietly, looking at the feet in the booth. "Pazzaro's lying to you!"

**How did he know?**

ANSWER, PAGE 79



# THE PATHS OF PARTHENIUS

BY NICK NORTH

★★★

**M**odern Greeks still celebrate a legendary race that is said to have taken place in the ancient Forest of Arcadia on Mount Parthenius. The racers were the handsome Jason and the beautiful Atalanta. Atalanta was fleet of foot, but Jason was cunning; moreover, he possessed a supply of magical golden apples. Whenever Atalanta sprinted ahead, Jason tossed into her path a golden apple, the shining beauty of which compelled her to stop and pick it up. In this way Jason beat her to the finish line, and won her heart and hand in marriage.

Today's celebratory race takes place in a forest with 13 separate paths (labeled a to m on the map below). Along each path is a different number of apples from 1 to 13. Apples are gathered by a runner on a path and handed in at each checkpoint (circles on the map) before that runner moves to the next path. The apples are then put back again for the next runner, so that there is always the same number of apples on any one path. Runners record their totals at the finish, and the runner with the highest apple tally wins. Runners always travel east.

This year nine runners competed, each taking a different course through the forest and each producing a different apple tally. From the clues

below, can you determine the yield of each path, and the apple tallies of the nine runners in this year's race?

ANSWER, PAGE 77

1. The winner picked 32 apples; another runner picked 17.
2. On each successive path he trod, the winner picked a smaller number of apples.
3. One path remained untraveled. Of the others, the path yielding 13 apples was the least traveled.
4. Only two runners chose the path containing 11 apples.
5. One runner picked an even number of apples on each of the paths he trod.
6. One runner picked an odd number of apples on each of the five paths he trod.
7. Each of three runners used only three paths to cross the forest.
8. The path containing two apples was traveled most frequently—by five runners.
9. The second largest total was collected by the person who traveled six paths.
10. No runner picked an even number of apples more than three times on his journey.
11. Path a yields one apple more than paths b and c combined.





# NET RESULTS

BY EMILY COX AND HENRY RATHVON

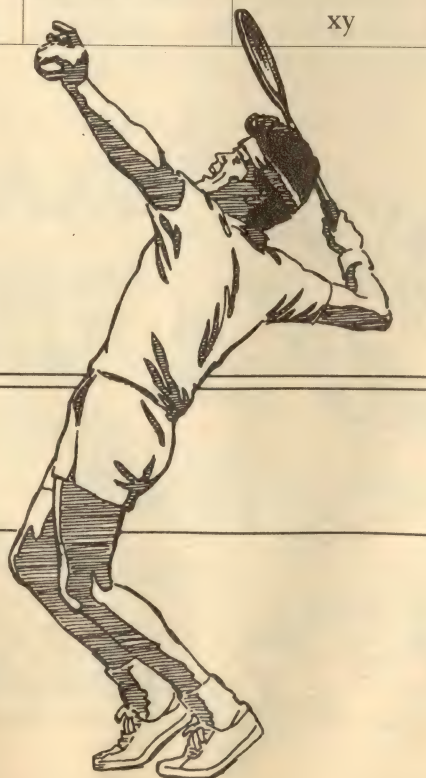
★★★

**F**our top-ranked tennis pros were scheduled to perform a round-robin exhibition in which each of the four (Szabo, Bellini, Karpov, and Duff) was to play each of the others once in a single set. The winner was to be the player winning the greatest number of sets or, in case of a tie, the greatest number of games. As it happened, rain interrupted the match before all the sets could be played. Only completed sets were counted, and of these no two ended with the same score, though all featured a winner taking six games with a cushion of at least two games over his competitor.

A reporter, attempting to transmit the results of the match to his newspaper, typed up a chart. Due to a mysterious computer error, some of the figures in the chart were deleted, and the remainder were replaced by letters of the alphabet (as shown below). Knowing that every letter stands consistently for a different single digit from 0 to 9, and that no letter appearing singly is part of a two-digit number, can you logically reconstruct the chart? When you have done so, you will be able to name the player who was winning the round-robin match at the time of the rainout.

ANSWER, PAGE 78

PLAYER	SETS PLAYED	SETS WON	SETS LOST	GAMES WON	GAMES LOST
Szabo	y		y		
Bellini				z	wx
Karpov					x
Duff					
TOTALS				xy	





# HEART RENDERING

BY NICK NORTH

★★★

**T**he 13 hearts have been taken from a deck of cards and placed face down in the configuration shown below. Assuming Ace = 1, Jack = 11, Queen = 12, and King = 13, can you determine the number value of each card in the layout, using the following clues? ANSWER, PAGE 75

1. In one row, each card is divisible by three.
2. In one row or column, each card is divisible by five.
3. In two different columns, each card is divisible by two.
4. The face cards (11, 12, 13) are on the perimeter.

ter, with no two in the same row or the same column.

5. The sum total of the cards in each row and each column is different.
6. The sum totals of the cards in columns A, C, and E are numbers that are consecutive.
7. In the inner ring of four, no two cards bear consecutive numbers.
8. Only one pair of diagonally adjacent cards provides two consecutive numbers.
9. The number of the card on C5 is one greater than that of the card on A1; and C3's number is smaller than C1's.





## SHOP AROUND

BY AL B. PERLMAN

★★★★

**T**o help you tackle this logical monster, we have provided a solving chart on page 73, which you can tear out and fill in as you work through the puzzle. It should be of no little assistance!

The new shopping center they've been building out our way finally had its grand opening the other night, and my wife Rhoda and I drove over to see the mayor do the ribbon cutting. It's one of the prettiest little neighborhood shopping centers you'll find anywhere in New England. Altogether, it's got 12 business establishments—an antique shop, a bookstore, a camera store, a drugstore, an electrical appliance store, a florist's, a greeting card shop, a hobby shop, an ice cream parlor, a jeweler's, a knitwear shop, and a leather goods shop.

The center consists of four building complexes that some obviously erudite person named "A," "B," "C," and "D." There are three stores (or shops) in each complex (see next page). All the shops have their entrances facing the parking lot, which is that big empty space in the middle.

After the mayor declared the shopping center officially open, Rhoda and I went into the nearest shop, and after that we walked around in a clockwise direction, visiting each shop in order, until we'd been in all 12.

Naturally, we met all the new proprietors (and proprietresses)—their last names being Metcalf, Nelson, Osgood, Perkins, Quigley, Roberts, Seltin, Thomas, Usher, Vogel, Wagner, and Xenopolous. They were a friendly bunch, and in no time at all we got to know them by their first names, which are (not necessarily respectively) Gordon, Hildegard, Ivan, Judith, Keith, Laura, Milton, Natalie, Oliver, Pamela, Quincy, and Rowena.

In honor of the center's grand opening, all the merchants were giving away free souvenirs imprinted with their names, and Rhoda and I each received a calendar, a bottle opener, a memo pad, a magnifying glass, a balloon, a key chain, a ballpoint pen, a tape measure, a shopping bag, a paperweight, a pencil sharpener, and an ashtray.

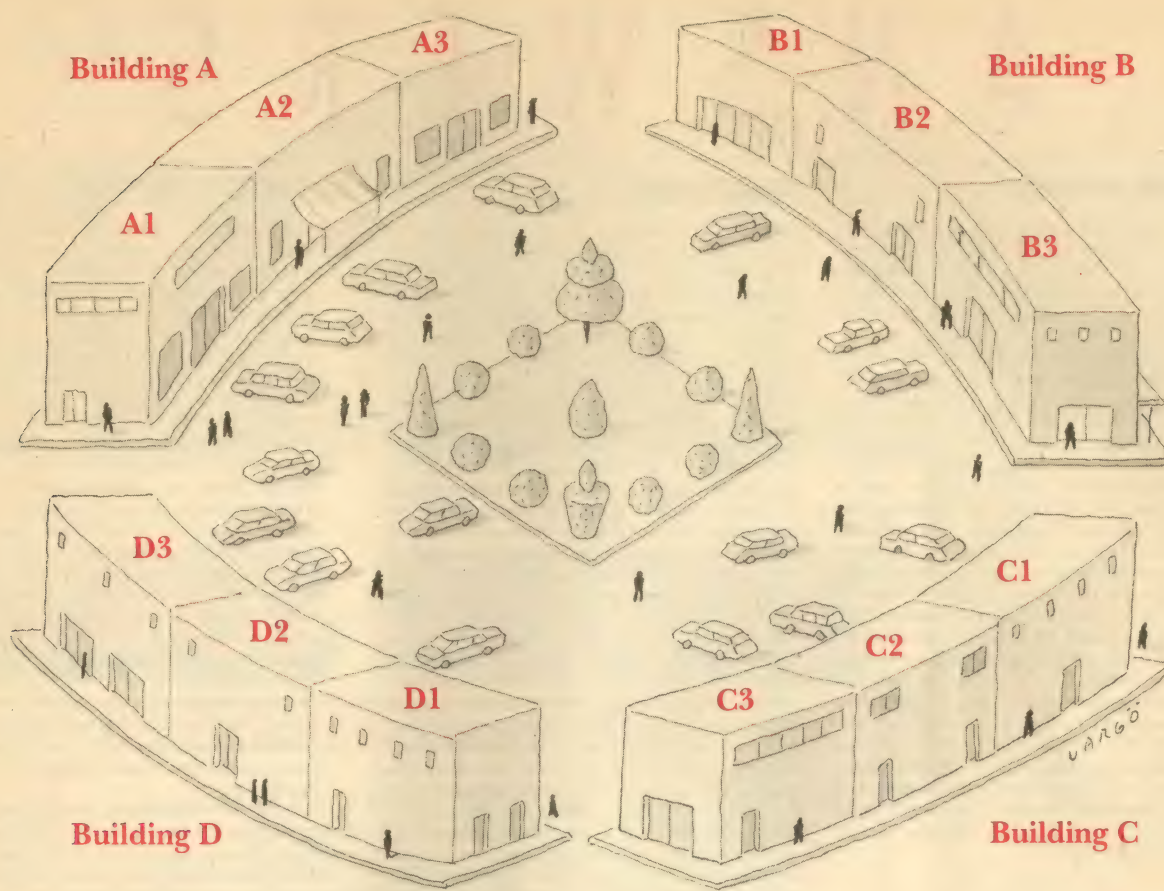
While we were driving home afterward, Rhoda

commented on the overall interior color scheme. Each shop was decorated in two colors but no two shops had exactly the same two colors. What's more, no color was used more than once in any one building. The colors were blue, gray, green, ivory, pink, tan, white, and yellow, and each of them was used three times. Rhoda also noticed that the three shopkeepers in each building were never all of the same sex.

Anyway, here are some clues to help you to: (1) put each shop in its proper location, (2) match up the first and last names of the shopkeepers, (3) link up the shops with their respective proprietors, (4) tell which souvenir came from each shop, and (5) name the two colors decorating each of the shops. (Note: When I use somebody's last name and don't want to tip off the sex, he or she is identified as Mr./Ms. So-And-So.)

1. The first shop we visited was decorated in yellow and green; the second one in blue and yellow. Both were run by women.
2. Here are a few random recollections about the second (No. 2) shops in the four buildings and about the two men and two women running them:
  - a. Mr./Ms. Wagner was born in Canada; the florist was born in France; and the owner of the gray-and-tan shop was born in Australia.
  - b. We met the owner of the pink-and-gray shop after meeting Gordon but before arriving at the shop where we got our calendar.
  - c. Though Keith has never been in Europe, he has crossed the equator a total of six times.
  - d. The farthest south Rowena has ever been is Mexico City.
  - e. The shopkeeper who gave us the souvenir balloons has never been outside the continental United States.
  - f. Mr./Ms. Nelson admired the calendar we'd received earlier.
3. None of the shops in Building A is decorated in yellow or ivory; none of the shops in Building D features green or pink.





4. The three shops in Building B were where we met (not necessarily in order) Mr./Ms. Xenopolous, the antique dealer, and the individual who presented us with the shopping bags. None of these shops includes blue or tan in its color scheme.
5. The owner of the gray-and-yellow shop is the same sex as the proprietor of C-1.
6. The shops in which we got the key chain, the shopping bag, and the balloon are all decorated partly in pink.
7. The camera store, Mr./Ms. Osgood's establishment, and Laura's shop are all furnished partly in ivory. One of them is where we got the magnifying glass.
8. We met Mr./Ms. Xenopolous immediately after being in the shop where we received the paperweight.
9. The owner of the ivory-and-white shop asked us to take a picture of him/her in front of his/her store, with a camera borrowed from the camera shop.
10. In honor of the grand opening, the proprietor of A-2 was wearing a carnation kindly donated by the florist.
11. Mr./Ms. Seltin, the owner of the ice cream parlor, and the individual who gave us the ashtray are all of the same sex.
12. The shop in which we got the bottle opener and the shop in which we got the memo pad immediately afterward are both decorated partly in white and both are operated by men.
13. Ivan and Mr./Ms. Metcalf have shops in the same building.
14. The last shop we visited belonged to Hildegard.
15. Right after leaving the ivory-and-blue shop, we went to the ice cream parlor.
16. The jeweler's, Mr./Ms. Perkins' shop, and the place where we got the ashtray are all in the same building. The No. 3 shop is decorated in green and tan.
17. We got our souvenir pencil sharpener immediately after being in the shop in which we received the tape measure. One of these gifts came from a man, and the other from a woman.
18. The druggist, Natalie, and Mr./Ms. Vogel are all in different buildings, but their shops all have the same number. (In other words, they're all either No. 1, No. 2, or No. 3.)

(CONTINUED ON PAGE 73)



# ANSWERS

## 44 GOING FOR BROKE

It wasn't difficult to suspect foul play and rule out suicide. First, it was August 11th (see picture 1), and a warm night (the partners and clerk were in their shirtsleeves), yet the electric heater in Knight's room was on. Also, why would a man about to commit suicide bother to endorse a check?

The little shreds Inspector Black picked up from behind Knight's desk meant nothing to him until Reeves said that he had thought it strange to see a toy balloon on Deay's desk before he went out to mail a letter (see picture 2). When Reeves ran into Knight's office upon hearing the report, he noticed some shreds near the gun on the floor. Here is Black's theory: Deay shot Knight while Reeves was out mailing the letter. The junior partner had obviously wanted the clerk out of the office. The letter could just as well have been mailed the next day, there being no collection that late at night. Then he blew up the balloon and turned on the heater. When he heard Reeves return, Deay tied the balloon to the heater and went into Reeves's room with some papers. The heater's hot air burst the balloon, creating the sound of a revolver going off. (The revolver was a .22 caliber and would have accounted for the muffled sound.) While Reeves phoned the police, Deay dashed in and removed the balloon end and string from the heater, but missed the pieces in his haste. He also forgot to turn the heater off. The police did find the other shreds of balloon in Deay's office.

## 25 COP SWAP

Each of the five cases was assigned to a different one of the five patrolmen, and then reassigned to a different one of the higher-ranked officers. The officers' names are Fleese (clue 8), Surch (clue 4), Tayle, Therdagry, and Traque (clue 2); and the patrolmen's names, by elimination, are Aipeebie, Hownd, Nabb, Printaker, and Prowell. The detective-sergeant had the garter snake case (clue 1), so the detective-lieutenant had the tennis shoe case (clue 7). The officer on the mailbox case—neither one of the "T's" (clue 2) nor Fleese (clue 8)—was Surch, who inherited the case from Patrolman Aipeebie (clue 4). Fleese, not a detective, is a fourth officer; and his assignment—not the moped case—was, by elimination, the laundromat case (clue 8). The detective-lieutenant, not Tayle or Traque, is, by elimination, Therdagry—whose predecessor on the case was neither Hownd (clue 7), Printaker, nor Prowell (clue 5), and was, by elimination, Patrolman Nabb. Traque's assignment, not the garter snake case (clue 6), was the moped case; so Tayle, by elimination, is the detective-sergeant. The sergeant, neither Traque (also clue 6) nor Surch (clue 4), is Fleese. By elimination: Tayle's case, which came from neither Printaker nor Hownd, came from Patrolman Prowell; the patrolman on the laundromat case, not Hownd, was Printaker; and Patrolman Hownd's case was the one passed on to Traque (clue 3). Traque, then, is not the inspector (also clue 3) and must be the captain; and the inspector, by elimination, is Surch.

In summary: Patrolman Aipeebie passed on the mailbox case to Inspector Surch; Patrolman Nabb passed on the tennis shoe case to Detective-Lieutenant Therdagry; Patrolman Hownd passed on the moped case to Captain Traque; Patrolman Prowell passed on the garter snake case to Detective-Sergeant Tayle; and Patrolman Printaker passed on the laundromat-dryer case to Sergeant Fleese.

## 50 ILL-SUITED

The partnerships were formed by matching the holders of kings and queens of the same suit. Each of four neckerchief colors and four top (shirt or blouse) patterns was worn by one man and one woman: no pairing matched either color or pattern. The two in red neckerchiefs (one man and one woman) drew a club and a spade (clue 1). Since the woman who drew spades wore an orange neckerchief, the woman in the red neckerchief drew clubs and the man in the red neckerchief drew spades. The orange and purple neckerchief pair were, then, a man and a woman respectively, and the holders of a red suit. Since the man wore a paisley shirt (clue 4), and the man who drew diamonds wore either sequins or checks (clue 2), the former's suit is hearts. The pink neckerchief-wearers—one a club and the other a diamond—were a man and a woman, respectively; and, by elimination, the man diamond-holder wore purple. Celia's suit, neither diamonds nor hearts (the man wore paisley), is clubs or spades. Hence, Celia is the woman in sequins (clue 3) and was paired with the man in checks; and the man who drew diamonds wore sequins (clue 2). By elimination, the suit for the man in polka dots—not spades (clue 6)—was clubs; Celia's suit was spades; and Delia's suit was clubs (clue 3). Dora—who wore neither polka dots nor checks (clue 5), wore paisley; and her suit, not hearts, was diamonds. By elimination, polka dots, not Delia's pattern, was Cora's; Delia wore checks; and Cora's suit was hearts. It then follows that Lloyd was the man in purple; Boyd was the man in polka dots (clue 7); Barry was the man who drew spades (clue 3); and, by elimination, Larry was Cora's partner.

In summary:

Clubs: Boyd (pink, polka dots) and Delia (red, checks)  
Diamonds: Lloyd (purple, sequins) and Dora (pink, paisley)  
Hearts: Larry (orange, paisley) and Cora (purple, polka dots)  
Spades: Barry (red, checks) and Celia (orange, sequins)

## 51 KEYED UP

The last key used is not crystal, brass, or gold (clues 1, 2, 5), so is silver. The first key is not brass or gold (clues 4, 5) so is crystal. The gold key must be used before "Cumin" is spoken (clue 5), and "Cumin" is not spoken last (clue 1), so the third key is brass and the second key is gold.

Since the first key is crystal (clue 3), the first door is ivory. The oak and pine doors aren't opened last (clues 1, 6), so the last door is ebony. The gold key is not used with the pine door (clue 5), so the second door is oak and the third door is pine.

The last word is not "Coriander," "Cumin," or "Sesame" (clues 1, 4), so the last word is "Poppy." Since the gold key is used before "Cumin" is spoken (clue 5), the third word is "Cumin." "Coriander" is not used with the ivory door, so the first word is "Sesame" and the second is "Coriander."

In summary: Open first the ivory door with the word "Sesame" and the crystal key, second the oak door with the word "Coriander" and the gold key, third the pine door with the word "Cumin" and the brass key, and last the ebony door with the word "Poppy" and the silver key.

## 46 THE ROPE THAT HUNG

1. The thief gained entrance to Mrs. Palmer-Pitts's apartment by sliding down a rope from the roof to her bathroom window. Possibly he used a short rope, or possibly only the long rope which was found hanging.

Assuming that the thief had only one rope (the long one), Detective Nevins decided that he had entered the bathroom window, pulled the loose end of the rope through it, and tied it to the steam pipe.

2. Leaving the apartment after the robbery the thief climbed back up the rope and regained the roof. There he untied the upper end of the rope and dropped it over the edge of the roof, so that the end attached to the steam pipe became the uppermost end, the bottom end almost touching the ground. From this it would appear that the thief had entered the apartment from the ground and returned to it by sliding down—operations which could have been done only with the aid of a confederate inside the apartment.

3. The thief unbolted the door leading from Mrs. Palmer-Pitts's bedroom to the sitting room.

4. The thief did this to give further verisimilitude to the indication of an accomplice within the apartment.

To supplement these false clues the thief, before committing the robbery, had walked into the courtyard from the street to the spot where he knew the rope's end would hang. He had then turned and walked out, leaving the misleading footprint trail in the snow.

Detective Nevins saw what the house detective did not, namely that the unlocked door between the widow's room and the sitting room (together with the other circumstances) pointed to the thief's deliberate attempt to cast suspicion on someone within the apartment as the thief or as an accomplice. He saw that there was no other logical explanation for the elaborately set stage than this.

Going to the roof, Nevins found what he had expected to find—many footprints in the snow near the edge of the roof. The thief had attached the rope to a stanchion of a summerhouse in the roof garden. Access to the roof could have been had from within the hotel by any guest.

From *The Second Baffle Book* by Lassiter Wren and Randle McKay, ©1929 by Doubleday, Doran, & Company, Inc. Renewed 1956 by Richard W. Rowan

## 14 MY FIRST CASE

P	A	Y		S	W	A	P		G	L	I	B								
A	V	E	S		E	A	G	E	R		R	U	D	E						
L				L	I	T	E	R	A	T	U	R	E							
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				S	T	A	Y			A	T	T	Y			T	A	G		



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Item No.	Shop No.
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

Key chain
Ballpoint pen
Tape measure
Shopping bag
Paperweight
Pencil sharpener
Ashtray

19. We met Mr./Ms. Seltin immediately after meeting Pamela and immediately before entering the bookstore.
20. The bookstore decor is partly gray.
21. We met Natalie immediately after leaving the card shop and immediately before meeting Mr./Ms. Roberts.
22. We met Mr./Ms. Thomas immediately after leaving Judith's shop.
23. Right after leaving the hobby shop, we stopped in at Quincy's, and after that, we had some marvelous banana splits.
24. The first two shops we visited that were decorated partly in white were, respectively, the electrical appliance shop and Ivan's shop.
25. The leather goods shop, Mr./Ms. Usher's shop, and Milton's shop are all in different buildings, but none of them is in Building B.

GAMES LOGIC & MYSTERY **73**



# ANSWERS

## 44 GOING FOR BROKE

It wasn't difficult to suspect foul play and rule out suicide. First, it was August 11th (see picture 1), and a warm night (the partners and clerk were in their shirtsleeves), yet the electric heater in Knight's room was on. Also, why would a man about to commit suicide bother to endorse a check?

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## 25 COP SWAP

Each of the five cases was assigned to one of the five patrolmen, and then reassigned to a different one of the higher-ranked officers. The officers' names are Fleese (clue 8), Surch, Tayle, Therdagry, and Traque (clue 1). The patrolmen's names, by elimination, are Hownd, Nabb, Printaker, and Prowell. The detective-sergeant had the garter snake case, the detective-lieutenant had the tennis shoe case (clue 7). The officer on the mailbox case was one of the "T"s (clue 2) nor Fleese (clue 8). Surch, who inherited the case from Alpeebie (clue 4). Fleese, not a detective, fourth officer; and his assignment—not a case—was, by elimination, the laundry case (clue 8). The detective-lieutenant, not Tayle or Traque, is, by elimination, Therdagry—whose predecessor on the case was neither Hownd (clue 7), Printaker, nor Prowell (clue 5), and was, by elimination, Patrolman Nabb. Traque's assignment, not the garter snake case (clue 6), was the moped case; so Tayle, by elimination, is the detective-sergeant. The sergeant, neither Traque (also clue 6) nor Surch (clue 4), is Fleese. By elimination: Tayle's case, which came from neither Printaker nor Hownd, came from Patrolman Prowell; the patrolman on the laundromat case, not Hownd, was Printaker; and Patrolman Hownd's case was the one passed on to Traque (clue 3). Traque, then, is not the inspector (also clue 3) and must be the captain; and the inspector, by elimination, is Surch.

In summary: Patrolman Alpeebie passed on the mailbox case to Inspector Surch; Patrolman Nabb passed on the tennis shoe case to Detective-Lieutenant Therdagry; Patrolman Hownd passed on the moped case to Captain Traque; Patrolman Prowell passed on the garter snake case to Detective-Sergeant Tayle; and Patrolman Printaker passed on the laundromat-dryer case to Sergeant Fleese.

## 50 ILL-SUITED

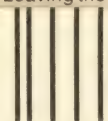
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## 46 THE ROPE THAT HUNG

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2. Leaving the apartment after the robbery the



NO POSTAGE  
NECESSARY  
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IN THE  
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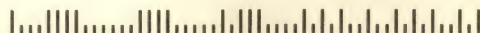
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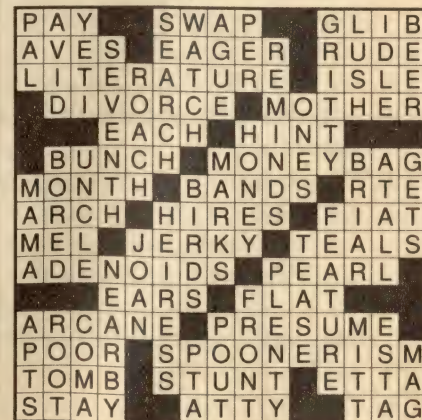
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## 14 MY FIRST CASE



The last key used is not crystal, brass, or gold (clues 1, 2, 5), so is silver. The first key is not brass or gold (clues 4, 5) so is crystal. The gold key must be used before "Cumin" is spoken (clue 5), and "Cumin" is not spoken last (clue 1), so the third key is brass and the second key is gold.

Since the first key is crystal (clue 3), the first door is ivory. The oak and pine doors aren't opened last (clues 1, 6), so the last door is ebony. The gold key is not used with the pine door (clue 5), so the second door is oak and the third door is pine.

The last word is not "Coriander," "Cumin," or "Sesame" (clues 1, 4), so the last word is "Poppy." Since the gold key is used before "Cumin" is spoken (clue 5), the third word is "Cumin." "Coriander" is not used with the ivory door, so the first word is "Sesame" and the second is "Coriander."

In summary: Open first the ivory door with the word "Sesame" and the crystal key, second the oak door with the word "Coriander" and the gold key, third the pine door with the word "Cumin" and the brass key, and last the ebony door with the word "Poppy" and the silver key.



## Interior Colors

Interior Colors

Calendar

Bottle opener

Memo pad

Magnifier

Balloon

Key chain

Ballpoint pen

Tape measure

Shopping bag

Paperweight

Pencil sharpener

Ashtray

Gordon

Hildegarde

Ivan

Judith

Keith

Laura

Milton

Natalie

Oliver

Pamela

Quincy

Rowena

Metcalf

Nelson

Osgood

Perkins

Quigley

Roberts

Seltin

Thomas

Usher

Vogel

Wagner

Xenopolous

Antiques

Books

Camera

Drug

Electrical

Florist

Card

Hobby

Ice Cream

Jeweler

Knitwear

Leather

A1

A2

A3

B1

B2

B3

C1

C2

C3

D1

D2

D3

Antiques

Books

Camera

Drug

Electrical

Florist

Card

Hobby

Ice Cream

Jeweler

Knitwear

Leather

Metcalf

Nelson

Osgood

Perkins

Quigley

Roberts

Seltin

Thomas

Usher

Vogel

Wagner

Xenopolous

Gordon

Hildegarde

Ivan

Judith

Keith

Laura

Milton

Natalie

Oliver

Pamela

Quincy

Rowena

Calendar

Bottle opener

Memo pad

Magnifier

Balloon

Key chain

Ballpoint pen

Tape measure

Shopping bag

Paperweight

Pencil sharpener

Ashtray

Visit No.

Shop No.

1

2

3

4

5

6

7

8

9

10

11

12

Visit No.	Shop No.
1	
2	
3	
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9	
10	
11	
12	

19. We met Mr./Ms. Seltin immediately after meeting Pamela and immediately before entering the bookstore.
20. The bookstore decor is partly gray.
21. We met Natalie immediately after leaving the card shop and immediately before meeting Mr./Ms. Roberts.
22. We met Mr./Ms. Thomas immediately after leaving Judith's shop.
23. Right after leaving the hobby shop, we stopped in at Quincy's, and after that, we had some marvelous banana splits.
24. The first two shops we visited that were decorated partly in white were, respectively, the electrical appliance shop and Ivan's shop.
25. The leather goods shop, Mr./Ms. Usher's shop, and Milton's shop are all in different buildings, but none of them is in Building B.

ANSWER, PAGE 74



## 70 SHOP AROUND

Visit No.	Shop No.	Business	Owner's First Name	Owner's Last Name	Souvenir	Colors
1	C-3	Greeting Cards	Pamela	Usher	Ballpoint Pen	yellow/green
2	D-1	Knitwear	Natalie	Seltin	Tape Measure	yellow/blue
3	D-2	Bookstore	Gordon	Roberts	Pencil Sharpener	gray/tan
4	D-3	Appliances	Milton	Osgood	Bottle Opener	white/ivory
5	A-1	Drugstore	Ivan	Perkins	Memo Pad	white/blue
6	A-2	Jeweler's	Keith	Wagner	Key Chain	pink/gray
7	A-3	Leather Goods	Judith	Metcalf	Ashtray	green/tan
8	B-1	Antiques	Oliver	Thomas	Paperweight	gray/yellow
9	B-2	Florist's	Rowena	Xenopolous	Shopping Bag	green/white
10	B-3	Hobby Shop	Laura	Quigley	Shopping Bag	ivory/pink
11	C-1	Cameras	Quincy	Vogel	Magnifying Glass	ivory/blue
12	C-2	Ice Cream Parlor	Hildegard	Nelson	Balloon	pink/tan

For a detailed explanation of the answer (which is too lengthy to be given here), send a self-addressed, stamped envelope to: Evil Cerebral, GAMES Magazine, 810 Seventh Ave., New York, NY 10019.

## 4 INVITATION TO BE LOGICAL

From the first invitations, Merry and Star must be Ms. Berry and Ms. Snow; Carol and Holly must be Ms. Holiday and Ms. Wreath. From the second invitations, Merry cannot be Ms. Berry, so she is Ms. Snow, and Star is Ms. Berry. Similarly, Carol cannot be Ms. Wreath, so she is Ms. Holiday, and Holly is Ms. Wreath.

Since Carol is Ms. Holiday, her dessert must be fruitcake. (If the dessert is wrong, the drink must be right; both grog and punch cannot be right.) That means Holly Wreath brought the grog (invitation 2)

and thus the gingerbread (invitation 1). This in turn tells us that Star Berry brought the punch (invitation 2) and thus the plum pudding (invitation 1). Therefore, Merry Snow brought the cider (invitation 1) and the mince pie (invitation 2). By elimination, Carol Holiday brought the eggnog.

In summary, the correct invitations should be: Carol Holiday (eggnog, fruitcake), Holly Wreath (grog, gingerbread), Merry Snow (cider, mince pie), and Star Berry (punch, plum pudding).

## 24 A NIGHT IN

Since the women's places in line were completely different from the men's (clue 2), Joel did not get moo goo gai pan, the couple eating sweet and sour pork did not rent *Red for Revenge*, Kitty's husband is not Cal, and Dottie did not rent *The Long Yellow Alert*. The man who got chop suey was not Joel (clue 3), who also did not get moo goo gai pan (clue 2) or the sweet and sour pork (clue 1); Joel bought the Szechwan shrimp. Hattie's husband was not last in line (clue 3); neither was Kitty's (clue 1) or Dottie's (clue 2). Therefore, Betty's husband was last in line and Betty rented *The Long Yellow Alert*. Betty's husband did not get moo goo gai pan (clue 4), so Kitty's husband (number 3 in line) did, and Betty's husband got chop suey.

At the video store, Kitty, whose husband got moo goo gai pan, was first; the woman who rented *Red for Revenge* was second; Dottie was fourth. So

Betty, who rented *The Long Yellow Alert*, was third and is Cal's wife; Cal got the chop suey. Therefore Hattie was second in line and rented *Red for Revenge*. Her husband could not be the man who got the sweet and sour pork, since that man was second in line. So Hattie's husband got the Szechwan shrimp and is Joel, and Dottie's husband got the sweet and sour pork. Dottie's husband is not Neil (clue 5), so is Mel. Neil is Kitty's husband and Kitty rented *The Return of the Green Slime*; Dottie rented *Blue Monday IV*.

In summary: Joel and Hattie ate Szechwan shrimp and rented *Red for Revenge*; Mel and Dottie ate sweet and sour pork and rented *Blue Monday IV*; Neil and Kitty ate moo goo gai pan and rented *The Return of the Green Slime*; Cal and Betty ate chop suey and rented *The Long Yellow Alert*.

## 40 TREASURE HUNT CLUES

**Starting puzzle** Name the object pictured and subtract letters as indicated. Then say the result to yourself to discover the location of the next clue.

**Bathroom puzzle** If COOK and BASE become BOOKCASE, what might RIPE and TIGHTER be?

**Den puzzle** Starting at the S, move clockwise reading every third letter.

**Closet puzzle** The letters represented by each digit of the telephone number are as follows:

J	A	T	M	D	P	W
K	B	U	N	E	R	X
L	C	V	O	F	S	Y

Reading across, picking one letter per column, find a seven-letter word that reveals the location of the next clue.

**Laundry puzzle** Correct each typographical error in the laundry ticket. Then list the correct letters in a row, and below them their incorrect counterparts.

**Dining room puzzle** Each picture represents a three-letter word. Having placed these words in their respective places in the grid, add one letter in the middle square in each row to make eight seven-letter words reading across. The center column will then identify the site of the next clue.

**Landing puzzle** Move from letter to letter, jumping as a knight would in chess, to form a six-word message using all 36 letters in the square. The letter-count of the words of the message is provided in parentheses.

**Library puzzle** Rearrange the letters within each word to decipher the message. Additional help: The name of the tree in question rhymes with "search."

**Nursery puzzle** Insert the letters listed above each column, in an order for you to determine, into the squares directly below them to spell a message reading from left to right line by line.

**Linen closet puzzle** Determine the value of each letter in this long division. Then place the letters in order from 0 to 9 to find the location of the next clue.

**Living room puzzle** After solving the crossword, perform the divisions as indicated. (Note: If the word PIES were divided by the word ART, the result would be PARTIES.)

**Bedroom puzzle** Turn the page upside-down to reveal the hidden message.

**Kitchen puzzle** A simple substitution cryptogram; the first word of the message is YOU.

## 23 TREASURE IN NUMERIA

The Nines are Biggers to all the other tribes, so both the Rubdubs and the Nankipanks must border them (clue 1); so the Bunnids are the Nines. Since the Nankipanks border all their Biggers (clue 1), and they share only two borders, they must be either the Sevens or the Eights. Hence if the Nankipanks are the Sevens, the Rubdubs are the Eights; otherwise the Nankipanks are the Eights. But the Rubdubs' number is less than the Durlins' (clue 4), and the Durlins are not the Nines; so the Rubdubs cannot be the Eights. Hence the Nankipanks are the Eights. Since the Durlins share borders only with their Littlers (clue 4), they must be the Sevens. The Ones can border only Biggers, so, from clue 3, either the Hivshaws or the Leethrops are the Ones. Since the Minworts border all their Littlers, including the Ones, the Hivshaws must be the Ones.

Three odd-numbered territories intersect at the treasure (clue 5). This is possible only if the Garleys are odd, either the Threes or the Fives.

The Minworts border three tribes, which must include all their Littlers (clue 2); hence their number is not greater than four. If it is four, then the Garleys and Figbalds would have to be the Threes and Twos; but the Leethrops could not then have a number less than the Garleys', as according to clue 3, they have. So the Minworts' number can only be two or three. If the Minworts' number is three, then since they border all their Littlers, either the Figbalds' or the Garleys' number must be two. But if the Figbalds' are Twos then they would border only their Biggers as only the Hivshaws and Leethrops do (clue 3). The Garleys' number is odd, so the Minworts' number is not three, and must be two.

Since the Minworts are the Twos, and the Leethrops share borders only with their Biggers (clue 3), the Garleys cannot be the Threes, so must be the Fives.

From clue 5, either the Figbalds or the Rubdubs are the Threes. The Rubdubs share a border with all their Biggers, so cannot be the Threes (they only border five other tribes). We know the Rubdubs are the Leethrops' Biggers (clue 3), so they must be the Sixes, and the Leethrops the Fours.

In summary: The Bunnids are the Nines; the Durlins are the Sevens; the Figbalds are the Threes; the Garleys are the Fives; the Hivshaws are the Ones; the Leethrops are the Fours; the Minworts are the Twos; the Nankipanks are the Eights; and the Rubdubs are the Sixes. The treasure is buried at the intersection of the Figbalds', Durlins', and Garleys' territories.

## 29 SPIES SPY ON SPIES

Since all five spies have the same number of right answers, there must be 5, 10, 15, 20, or 25 right answers. If the most popular choice is correct for each element, there could be at most two right answers in column 1, three in column 2, two in column 3, and one in column 4, for a total of eight. Since a multiple of 5 is required, each spy must have just one right answer.

If "Noon" were right, there would be six right answers minimum; therefore "Noon" is wrong.

There will be one right answer for TIME and one for COURIER, and either DATE or PLACE will have two right answers while the other has one.

If "Las Vegas" were correct, then DATE would have to be "July 4." Then neither "1 P.M." nor "2 P.M." could be right without giving a spy two correct answers. Therefore "Las Vegas" is wrong. PLACE must yield two right answers, and DATE one right answer: July 2.

Since July 2 is correct, "Miami" must be wrong and "Acapulco" right. Since "Acapulco" is right, "2 P.M." must be wrong and "1 P.M." right. Now Kurt is the only spy without a correct answer, so his guess, "Juan," must be right.

In summary: July 2, 1 P.M., Acapulco, Juan.



## 69 HEART RENDERING

Only two cards are divisible by five: 5 and 10. These make up one row or one column of two cards (clue 2). There are six even cards; only one column of two can be all even (since the 5 must appear in one), so one column of three must be all even (clue 3). This column must include the 12 (Queen), which is the only even face card (clue 4). The inner ring of four must contain one other even card besides the 10; since no two numbers will be consecutive (clue 7), the 4 and 6 are excluded (because the 5 is present), leaving the 8 or the 2.

Columns A, C, and E have consecutive totals (clue 6). These three columns must include 9, 6, and 4 in addition to the 11, 12, and 13. The sum of the three columns must be divisible by three to produce consecutive column totals. Since the 8 or 2 or both will be in the inner ring, the only possible combination for the six non-face cards in columns A, C, and E is 9, 7, 6, 4, 3, 1. Both 8 and 2 are in the inner ring. The even column of three must be 12, 6, and 4 in some order; the row divisible by three must be 12, 9, and 3. Given that no row or column has the same sum total (clue 5), the rows must be 12, 9, 3; 13, 7, 6; and 11, 4, 1; and the columns must be 12, 6, 4; 11, 7, 3; and 13, 9, 1.

It is now a matter of placing each row and column. C3 is less than C1, and A1 less than C5 (clue 9). There are two possibilities for C5: 13 and 4. If C5 is 13, it is impossible to place the inner ring of four and have only one instance of diagonally adjacent consecutive cards. So C5 is 4, and the final layout is as follows:

3		12		9
	10		5	
7		6		13
	2		8	
11		4		1

## 5 SUPPLIES AND DEMANDS

Typewriter ribbons are just below Scotch tape, which is in the right-hand column. The two possibilities are that Scotch tape is in 3 and typewriter ribbons are in 6, or that the tape is in 6 and typewriter ribbons are in 9. The phone message pads, on the middle shelf, must be in 4 or 5.

If Scotch tape is in 3, typewriter ribbons are in 6. Index cards are in the center, but cannot be on the same shelf as the tape. Index cards are in 5 or 8. If they are in 5, then phone message pads are in 4, which leaves no room for the legal pads, just above and to the right of staplers.

If Scotch tape is in 3, typewriter ribbons in 6, but index cards are in 8 instead of 5, then computer disks, which cannot be on the same shelf as either Scotch tape or index cards, are in 4. This leaves phone message pads in 5, which once again leaves no room for the legal pads and staplers.

Therefore the Scotch tape is in 6 and the typewriter ribbons are in 9. Now the index cards can be in either 2 or 8. If index cards are in 2, then computer disks are in 7. Legal pads and staplers are in 3 and 5. This would put file folders in 1 and phone message pads in 4, but file folders and phone message pads cannot be in the same column.

Therefore Scotch tape is in 6, typewriter ribbons are in 9, index cards are in 8. Computer disks go in 1. Pens, on the bottom shelf, are in 7; phone message pads cannot be in the same column as pens, so they are in 5. File folders are in 3, and legal pads and staplers are in 2 and 4 respectively.

In summary: 1 Computer disks, 2 Legal pads, 3 File folders, 4 Staplers, 5 Phone message pads, 6 Scotch tape, 7 Pens, 8 Index cards, 9 Typewriter ribbons.

## 38 BLACK ON THE BEAT

Tavistock put his foot in it that time! His statement was an out-and-out lie. There were footprints leading away from the house (see picture 5), but none leading toward the house—so the crime was obviously an inside job. Also, Miss Danbery thought it strange that the letter was addressed to Superintendent Peters, but wasn't it stranger that the letter she brought out was addressed simply to "Superintendent of Police"? (Note the different stamps, too, pictures 10 and 12.) Someone had switched the letters. That's probably why her belongings had been scattered when Inspector Black first found her; they'd obviously been searched. The first letter must have identified the forger. Who else but Tavistock would have known that the letter Miss Danbery carried was so important? He killed Danbery, then attacked the daughter from behind as the only way of retrieving the letter. He must have substituted the new letter while she lay unconscious on the sofa and Black was investigating outside. (Afterward, Black did find the burnt ashes of the original letter beside a candle in Tavistock's room.)

## 9 MEDICAL CIRCLES

Since Angela and Betty both care for a Rawalpindi (clue 1), they are not named Rawalpindi; so Carla is. Since Betty consults Dr. Shiraz (clue 3), she is not named Shiraz; so she is Tabriz, and Angela is Shiraz. Carla Rawalpindi is treated by a female (clue 1) and a Dr. Tabriz (clue 2), so she is treated by Betty Tabriz; and Carla's husband is treated by Angela Shiraz (clue 1). Frank, who is treated by a Dr. Tabriz (clue 2), cannot be Tabriz or the Mr. Rawalpindi treated by Angela Shiraz; so he is Frank Shiraz, and he treats Betty Tabriz (clue 2). Edgar cannot be the Dr. Rawalpindi who is treated by Angela Shiraz, because Edgar is treated by Don (clue 4); so Edgar is Tabriz and Don is Rawalpindi. Frank's doctor is Edgar Tabriz, and by elimination Angela is treated by Carla Rawalpindi.

In summary: Carla Rawalpindi is treated by Betty Tabriz; Don Rawalpindi by Angela Shiraz; Angela Shiraz by Carla Rawalpindi; Frank Shiraz by Edgar Tabriz; Betty Tabriz by Frank Shiraz; and Edgar Tabriz by Don Rawalpindi.

## 52 THE PING-PONG REPORT

From clue 7, the total of the digits in Qing's five scores equals Min's final-game score. If Min is the winner of the final game, this number will be 11. Since the match went five games, Qing as loser would have two scores of 11,  $1 + 1 + 1 + 1 = 4$ , so Qing needs three digits totaling 7 for the three losing scores, which added together would yield 29 points (two 11s, plus 7). Meanwhile, Min as winner would have a five-game point total no greater than 50 (three 11s, 9, and 8). Qing's 29 plus Min's highest-possible 50 would yield 79 total points for the match; but the match totaled 82 points (clue 5). So Min is not the winner of the final game; Qing is. Now, the digits of Qing's five scores must total 9: three winning 11s (whose digits add up to six), plus three more (since Min's losing total can be no higher than 9). So Qing won the final game 11-9, and, since the players alternated victories (clue 3), Qing won the first and third games and scored, in some order 1 point and 2 points in the second and fourth games. Qing's total points must now be 36 (three 11s, plus 1 and 2). Min as loser can have at most 46 points (two 11s, 9, 8, and 7).  $36 + 46 = 82$ , so 8 and 7 in some order are the scores of Min's first two losses. Since Xu's scores got progressively higher (clue 6), and Min's last score is 9, Xu is Min, whose first-game score is 7 and whose third-game score is 8. Li is Qing, whose second-game score is 2 and whose fourth-game score is 1.

In summary:

Li Qing	11	2	11	1	11
Xu Min	7	11	8	11	9

## 16 RESTAURANT ROW

Angelica owns Crumpet's (clue 1) and Chick's (clue 4), therefore not the restaurants featuring English high tea and poultry (intro). Curry doesn't sell poultry (clue 2), so Basil does. Angelica owns the pasta place (clue 1). Basil owns the restaurant serving steak (clue 1), and Curry the one selling seafood (clue 2). Angelica doesn't sell ice cream (clue 4). But by clue 6, Angelica must own at least three of the eight restaurants—and so owns both the Oriental and fast-food places. Basil owns The Pier (clue 1), and Curry owns Far East (clue 2). Angelica, who purveys pasta, doesn't own Little Italy (intro); nor does Basil (clue 5), so Curry does. Angelica sells fast food, so doesn't own Snax (intro); neither does Curry (clue 2), so Basil does. Basil, who sells steak (clue 1), doesn't own The Ranch (intro) or Sweet's (clue 5) and so must own only The Pier and Snax; thus, by clue 1, The Pier specializes in poultry and Snax in steak. Curry then owns three restaurants and must own those remaining, featuring English high tea and ice cream. Curry is then not the owner of Sweet's (intro); Angelica is, and Curry owns The Ranch. Angelica's fast-food restaurant isn't Crumpet's or Sweet's (clue 3) and must be Chick's. By clue 1, then, Sweet's features pasta and Crumpet's serves Oriental food. Ice cream isn't The Ranch's or Little Italy's specialty (clue 3), so it's Far East's. The Ranch then specializes in seafood, and Little Italy in English high tea (clue 7).

In summary: *Angelica*: Chick's (fast food); Crumpet's (Oriental); Sweet's (pasta). *Basil*: The Pier (poultry); Snax (steak). *Curry*: Far East (ice cream); Little Italy (high tea); The Ranch (seafood).

## 20 TRIPPED UP

Pasloysky, the witness, who supposedly could not understand or speak enough English to make a simple statement to the court, claimed to know exactly what the conductor yelled to the motorman. This was so patently impossible that the judge was entirely justified in disbelieving his entire testimony and dismissing the suit.

## 19 TIME OFF

There are five executives involved. Clues 2 and 3 both mention three people, so at least one person must be referred to in both clues. If Barry were either the assistant treasurer or Ingram, that would contradict clue 5; that would also be so if Ingram were the treasurer. If Dorothy were Framson, the five would all have arrived at two- or three-minute intervals, contradicting clue 1. The only possibility is that Framson is the assistant treasurer and Dorothy the treasurer; Dorothy arrived two minutes after Barry, Framson three minutes later, and Ingram three minutes after that. We're told no two arrived at the same time. Chester arrived at 10:00 (clue 1); at least two others were already present (clue 4), so he cannot have arrived before Dorothy. Since he arrived one minute after someone else and four or more minutes before Alison (again, clue 1), he can't be Framson; that would require six people. The same would be true if he had arrived after Framson. He must have arrived just before Framson; Dorothy then arrived at 9:59, and Ingram is Alison. The latter was the personnel director (clue 7), while Barry and Chester are vice-presidents. Dorothy's last name is Gotwell, and Chester's is Harrington (clue 6). By elimination, Barry's surname is Jarrell, and Framson's first name is Edgar.

In summary:

9:57,	VP Barry Jarrell
9:59,	Treasurer Dorothy Gotwell
10:00,	VP Chester Harrington
10:02,	Ass't Treasurer Edgar Framson
10:05,	Personnel Director Alison Ingram



### 13 BIRDS OF A FEATHER

The president of the Pheasants is a woman (clue 3), but not Phoebe (clue 1), so is Robin. The woman from Wrens is not Robin (clue 3), so is Phoebe. Ms. Wing is not Phoebe from Wrens (clue 1), so is Robin.

Crowe is not president of the Cardinals (clue 1), the Swallows (clue 2), or the Pheasants (since Robin Wing is), so is president of the Waxwings. This makes Swanson president of the Cardinals and Byrd president of the Swallows.

Phoebe is not president of the Cardinals (clue 4), so is not Swanson. Nor is she Crowe, president of the Waxwings, since she is from Wrens (clue 1). So Phoebe is Byrd, president of Swallows. This makes Martin Swanson and Jay Crowe.

Sparrows Point is not the home of Phoebe Byrd (Wrens), Martin Swanson (clue 1), or Jay Crowe (clue 5), so is the home of Robin Wing. Finally, Pelican Rapids is not the home of Robin, Phoebe, or Martin (clue 6), so is the home of Jay Crowe. By elimination, Martin Swanson is from Dove Creek.

In summary: Phoebe Byrd, Swallows, Wrens; Robin Wing, Pheasants, Sparrows Point; Jay Crowe, Waxwings, Pelican Rapids; Martin Swanson, Cardinals, Dove Creek.

### 12 B'S AND C'S

The 2C tenant isn't Chuck (clue 1) or Carl (clue 2), so must be Carol. Bob isn't in 2B (clue 4), so by clue 2, he lives in 3B, Carl in 4C, and Benson in 4B. The occupant of 3C must be Chuck. By clue 1, then, Ben is in 2B and Carol's last name is Cook. The 4B tenant is then Betty. Brown must live on the third floor, while Banner is Carl (clue 5). We know two of the three surnames in the Cline, so by clue 3, Brown can only be Bob, and Calley is Ben. Chuck's last name, by elimination, is Baker.

In summary:

4B Betty Benson	4C Carl Banner
3B Bob Brown	3C Chuck Baker
2B Ben Calley	2C Carol Cook

### 54 CURTAINS

There were no fingerprints on the gun that killed Claudia Mason. She could not have shot herself in the temple and then wiped off the revolver.

The murderer neglected to get Claudia's fingerprints on the gun.

### 53 WHO'S AT THE SITTING DUCK?

Three detectives can be distinguished as follows: Cliff (clue 1); Art—who interviewed Egbert (clue 5); and Coverley—who interviewed Filbert (clue 7). Cliff and his interviewee had four drinks apiece (clue 1), and Coverley and Filbert had more than four drinks apiece (clue 7); thus, the "lorry driver" and the ironmonger—who had two drinks and did not occupy a booth (clue 3)—are not Art and Egbert (clue 5), and must be the fourth pair. It follows that the three who had three or fewer drinks—the "sheepshearer," Façade, and the delivery boy (clue 6)—are Art, the "lorry driver," and Egbert, respectively. Since Cliff and his interviewee stood (clue 1), Lerkwell is Art and Hubert is the ironmonger (clue 4); by elimination Cliff is Veilsworth, and he interviewed Gilbert. Dick and the street musician—who had fewer drinks than the "roof Thatcher"—cannot be Coverley and Filbert (clue 7), and can only be Façade and Gilbert, respectively; since the "roof Thatcher" had more drinks than Gilbert, who had four (clue 1), he is Coverley (clue 2). By elimination: The "tweed salesman" is Cliff, Bart is Coverley, and the town busybody is Filbert.

In summary: Art Lerkwell, "sheepshearer"—Egbert, delivery boy; Bart Coverley, "roof Thatcher"—Filbert, town busybody; Cliff Veilsworth, "tweed salesman"—Gilbert, street musician; Dick Façade, "lorry driver"—Hubert, ironmonger.

### 55 THE LADY'S DIAMONDS

Bernice is not Kane or Lewis (clue 3) or Neville or Jekyll (clue 10), so is Morris. Jekyll is not Daphne or Catherine (clue 6) or Alicia (clue 10), so is Evelyn. Alicia is not Kane (clues 3, 4) or Neville (clue 10), so is Lewis. Catherine is not Neville (clues 6, 7), so is Kane. Daphne is Neville.

Assume that Daphne visited the library before spending an hour in the garden. She must have entered the library no later than 3:45. Catherine and Bernice were in the library at 3:00 (clue 3). Catherine left as Evelyn entered (clue 6), half an hour before Daphne entered (clue 7). Hence Evelyn entered at 3:15 and Daphne at 3:45. This leaves only Alicia to enter at 3:30 (clue 8), which means that Bernice left no later than 3:15 (clue 4). Evelyn didn't leave at 4:45 (clues 9, 10) and Alicia was still in the library at 5:00 (clue 3). But the clues state that a guest left at 4:45 (clue 9).

So Daphne entered after spending an hour in the garden, no earlier than 4:00. Who entered the library at 3:30 (clue 8)? It wasn't Bernice or Catherine (clue 3), so it must have been Evelyn or Alicia. If it was Evelyn, then Catherine left at 3:30 (clue 6). In this case, who left at 4:45 (clue 9)? Not Bernice (clues 3, 9), nor Evelyn, who stayed for at least half an hour (clues 7); nor Daphne, who entered no earlier than 4:00. And not Alicia, who was still in the library at 5:00. So Alicia, not Evelyn, entered the library at 3:30.

Since Alicia and Bernice didn't see each other (clue 4), Bernice left at 3:15. The guest who left at 3:45 was not Daphne, who hadn't entered yet; it was not Evelyn, who was in the library when Daphne entered (clue 7); it was not Alicia, who was still in the library at 5:00. So the guest who left at 3:45 was Catherine. Evelyn entered at the same time (clue 6), and Daphne entered at 4:15 (clue 7). Evelyn did not leave at 4:45 (clues 9, 10), so Daphne left at 4:45, and Evelyn was still in the library with Alicia at 5:00.

In summary: Alicia Lewis was in the library from 3:30 until 5:00; Bernice Morris from 3:00 until 3:15; Catherine Kane from 3:00 until 3:45; Daphne Neville from 4:15 until 4:45; and Evelyn Jekyll from 3:45 until 5:00. Only between 3:15 and 3:30 was a guest alone in the library. The thief was Catherine Kane.

### 10 WINDOW BOXES

The flowers on the first floor are not begonias (clue 2), impatiens (clue 3), or geraniums (clue 5), so they must be petunias. Since Mr. Stayman lives just below the impatiens (clue 3), and Herb is just below the geraniums (clue 5), Herb is not Mr. Stayman—Basil is. Basil is not on the fourth floor (clue 3), and neither is Rosemary (clue 2) or Herb (clue 5), so Marjorie is. Therefore the impatiens are on the third floor and Basil Stayman is on the second (clue 3).

Ms. Bloom is just under Basil on the first floor (clue 4) and she is Rosemary. Herb, then, is on the third floor and is growing impatiens. Thus Basil on the second floor has the begonias, and the geraniums are Marjorie's, on the fourth floor.

Since Basil is growing begonias, he is the person mentioned in clue 1 whose flowers match one of his initials. Marjorie is growing geraniums, so her last name is not Gardiner, but Waters. Herb is Gardiner.

In summary: On the first floor, Rosemary Bloom is growing petunias; on the second floor, Basil Stayman is growing begonias; on the third floor, Herb Gardiner is growing impatiens; and on the fourth floor, Marjorie Waters is growing geraniums.

### 48 SQUEEZE PLAY

17092  
16965  
+ 50327  
84384

Note: The 0 and the 9 in the center column may be interchanged.

### 59 SWEET EIGHTEEN

The hazelnut is mentioned in clue 1 and clue 6. Fix its place (it doesn't matter which section you start with), with the lemon jelly two groups counterclockwise (clue 6). If the almond, flanked by hazelnut and orange jelly (clue 1), is placed counterclockwise from the hazelnut, the lemon and orange jellies will occupy the same group. Therefore, the almond is clockwise from the hazelnut—with the orange jelly and the maple cream two groups counterclockwise from the hazelnut (clues 1 and 6).

The peanut cannot go in the group with the hazelnut, the almond, the maple cream/orange jelly (for it must have the raspberry jelly two groups counterclockwise), or the group opposite the hazelnut (for it must be immediately clockwise of mocha cream (clue 4)). If the peanut joins the lemon jelly, it will have mocha cream immediately counterclockwise; and raspberry jelly will join the hazelnut (clue 4). Now there is only one spot for marshmallow cream: between hazelnut and lemon jelly/peanut, with mint jelly joining mocha cream/cashew, and pecan joining maple cream/orange jelly. Now there is only one way for the strawberry jelly to be opposite the vanilla cream (clue 5): by having the strawberry jelly join the almond; but if it does, it will have to share the only spot remaining for the strawberry cream (by the alignment in clue 2), and this violates clue 7. Therefore, the peanut does not join the lemon jelly.

The only spot for the peanut is between the hazelnut and the lemon jelly. This leaves just two possibilities for the marshmallow cream (from clue 2): joining the peanut or joining the almond/raspberry jelly. But in the latter case, there will be no way to align the apple jelly (clue 3). So the only place for marshmallow is with peanut; pecan joins maple cream/orange jelly, and mint jelly goes opposite hazelnut. Now the only way to have vanilla cream and strawberry jelly opposite (clue 5) is having vanilla cream join mint jelly. All jellies but one are now aligned, so by elimination, apple jelly joins peanut/marshmallow cream. By elimination, chocolate cream goes with hazelnut/strawberry jelly; and likewise, walnut goes with lemon jelly/mocha cream.

In summary: clockwise, starting at any section, the candies are grouped in the following order:

	CREAMS	JELLIES	NUTS
Group 1	Chocolate	Strawberry	Hazelnut
Group 2	Strawberry	Raspberry	Almond
Group 3	Maple	Orange	Pecan
Group 4	Vanilla	Mint	Cashew
Group 5	Mocha	Lemon	Walnut
Group 6	Marshmallow	Apple	Peanut

### 22 PIECES O' PIZZA

From clue 1, Maria confronted liver and the person on her left confronted eggplant. Emilio, sitting across from a meat-eater (clue 2), could not have sat opposite Maria, for then she would have been the person who wanted steak, who sat across from a woman (clue 3). So Emilio sat either on Maria's left, facing a meat-eater who wanted liver (not one who wanted steak, from clue 3); or Emilio sat on Maria's right, facing a meat-eater who wanted liver. In either case, Maria had Emilio on one side and a meat-eater on the other, so vegetarian Ruben (clue 4) could only have sat opposite her. Therefore the steak-eater opposite a woman could only be Emilio, sitting opposite Juanita. If the pie were given a quarter-turn clockwise (clue 4), and steak-eating Emilio were on Maria's left, he would end up with liver. So Emilio must have been on Maria's right. The steak wanted by Emilio must have been in front of Ruben; and by elimination, Emilio had been confronted with the broccoli wanted by Maria.

In summary: Clockwise (starting at any point): Maria wanted broccoli but not confronted liver; Juanita wanted liver but not confronted eggplant; Ruben wanted eggplant but not confronted steak; and Emilio wanted steak but not confronted broccoli.



# 11 CLASS ACT

From clues 3, 6, and 1, the following sequence of nine places can be deduced: C \_ \_ G \_ \_ ED, with C (Cora) either first or second, and D (Dot) ninth or tenth. If the sequence A \_ B (from clue 2) were added to the front (making A C B \_ G \_ \_ ED), the sequence J \_ \_ \_ H (from clue 5) could not be inserted. Again, if A \_ B were added after G (making C \_ \_ G A \_ B ED), the sequence J \_ \_ \_ H would not fit. So A \_ B can only be added as follows: C \_ A G B \_ \_ ED. Now there is only one way to add J \_ \_ \_ \_ H, making C J A G B \_ H ED. Finally, the sequence I \_ \_ \_ F (from clue 4) has only one possible fit, making C J A G B I H E D F.

From top to bottom, the students' ranking was: Cora, Jack, Alice, George, Betty, Ivan, Harry, Elsa, Dot, and Frank.

# 8 CRIMES AT MIDNIGHT

The professor knew Burton was involved in the theft because he said he had hidden in the grandfather clock for about 15 minutes at the end of which time it chimed 12.

No man can hide in a grandfather clock without stopping it. Obviously, Burton had some reason for lying.

# 33 SLEUTHS IN SHADOW

1. Jessica Fletcher (Angela Lansbury)
2. Charlie Chan (Sidney Toler)
3. Sherlock Holmes (Basil Rathbone)
4. Sam Spade (Humphrey Bogart)
5. Inspector Clouseau (Peter Sellers)
6. Dick Tracy (as himself)
7. Miss Marple (Margaret Rutherford)
8. Lieutenant Columbo (Peter Falk)
9. Eliot Ness (Kevin Costner)

# 63 CLUB HUBBUB

Of the six men, only the broker and Forrester had dinner together with two of the others and were also in the club lounge together after dinner with the remaining two (clue 3). This means that two of the men who ate in the club dining room played bridge with the two men who ate out, and the other two who ate in the dining room played chess. We know that the broker and Forrester were the two who ate in the dining room and played bridge; thus, the diplomat is not Cholmsley or Daniels (clue 2), nor is he Billings, who ate out (clue 1) and therefore played bridge (clue 3). Nor is the diplomat Forrester, who ate in the dining room and played bridge. He is also not Ambrose (clue 4), so he is Eamsby. By elimination, Cholmsley is the scientist and Ambrose is the broker. The doctor also played bridge (clue 4), so Daniels can only be the lawyer.

At the table in the club dining room Eamsby the diplomat and Forrester are the two who had a fountain pen and gloves stolen. Eamsby's gloves were not stolen (clue 5), so he lost his pen and Forrester had his gloves stolen. Therefore, at the bridge table, Forrester is the colonel and Billings must be the doctor. Billings never smokes cigars (clue 6), so he is the one whose walking stick was stolen and Ambrose's cigars were taken.

Billings, whose walking stick was taken, dined out with Cholmsley the scientist. Therefore Cholmsley had his brandy stolen (clue 7), and that leaves Daniels, the lawyer, as the thief.

In summary: Ambrose, the broker, had his cigars stolen; Billings, the doctor, had his walking stick stolen; Cholmsley, the scientist, missed his brandy; Daniels, the lawyer, perpetrated the crimes; Eamsby, the diplomat, lost his gold fountain pen; Colonel Forrester had his gloves stolen.

# 60 A MATTER OF MINUTES

GORE		LEFT	SHUT
EVIL		TORAH	TENS
NAPE		EVERY	AIDA
ELEVATE		MIRROR	
	ENE	SPELL	
FRANK	TEA	LIST	
EEL	LOWERS	THAT	
UPI	EVE	DOS	ABE
DEBT	ALMOST	FLA	
LIRA	VAN	UTTER	
	UPSET	DNA	
WINDOW		DIGITAL	
AGOG	ENTER	LORE	
ROTE	LEANT	ERIN	
MRED	LENS	DEAD	

Alex asked Mrs. Featherdown what kind of clock she had seen, and she replied that it was digital.

Although Mrs. Featherdown saw 11:12 on the clock, this cannot be the true time she looked into the bedroom, because all three suspects have alibis for that time. The problem is to find out what time the murder actually occurred.

The window was on one side of the bed, and the overturned table was on the other. Peeking through the window, Mrs. Featherdown couldn't have seen the clock on the floor because the bed would have been in the way—unless, looking directly across the room, she had seen the entire scene reflected in the mirror that covered the entire opposite wall of the bedroom. She didn't have time to notice that it was a reflection because she was knocked out after getting only a glimpse of the room.

Mrs. Featherdown saw 11:12 on the reflected digital clock, which means the clock must have read 51:11. This seems to be impossible—unless the clock landed upside down on the floor when Mr. Mankos upset the bedside table. The clock actually read 11:15, and because it was turned over and reflected, Mrs. Featherdown saw it as 11:12.

If Joshua Mankos was murdered at 11:15, not 11:12, his eldest son, Igor, no longer has an alibi for the time of death. Therefore, Igor killed Joshua Mankos.

# 18 OLD FIENDS GET TOGETHER

Vanda is not the vampire (since her name begins with V), werewolf (clue 4), or mummy (clue 5). Since she is female (clue 5) and the ghost is male (clue 2), she is not the ghost. So she is the poltergeist. Mort is not the mummy (name starts with M), the ghost or vampire (clue 3), so is the werewolf. Since neither Garn nor Phred is the vampire (clue 1), Wormly is the vampire. Garn is not the ghost (name begins with G), so Phred is the ghost and Garn is the mummy.

Mort, Garn, and Phred are not fetish-owners (clues 1, 2), so they cannot read Vanda's mind (clue 5). Therefore, Wormly reads Vanda's mind. Garn and Phred cannot read Wormly's mind (clue 1), so Mort reads Wormly's mind. Vanda cannot read Garn the mummy's mind (clue 5), so Phred reads Garn's mind. Since the power is not reciprocal, Garn reads Mort's mind and Vanda reads Phred's.

Wormly reads Vanda's mind, so owns the fetish (clue 5). Phred, a ghost, does not own the amulet (clue 2), so he owns the potion while Garn owns the amulet (clue 1). Vanda does not own the talisman (clue 2), so Mort owns the talisman and Vanda owns the scarab.

In summary: Garn, the mummy, owns the amulet and reads Mort's mind. Mort, the werewolf, owns the talisman and reads Wormly's mind. Phred, the ghost, owns the potion and reads Garn's mind. Vanda, the poltergeist, owns the scarab and reads Phred's mind. Wormly, the vampire, owns the fetish and reads Vanda's mind.

# 67 THE PATHS OF PARTHENIUS

There are 12 possible routes through the forest. Of these, nine are traveled. Three runners use three paths (clue 7), so a, i, l, b, e, m, c, and g must all be used. The unused path cannot be one of b, d, h, j, k, l, this being the route with the greatest number of paths (six), so f is the untraveled path.

Ten possible routes remain. In these, path l is used most frequently—six times. This must contain 2 apples (clue 8). Of the other paths, b is used at present five times. For l to be used the most (five times, per clue 8), the unused route must contain paths b and l (reducing b's use to four times). This unused route must be b, e, k, l or b, d, i, l. At present both e and i are used twice. One of these must be the least-traveled path containing 13 apples (clue 3). Path l has 2 apples and is even; path m must be odd because one route has five odd tallies (clue 6); so route a, i, l is the route made of even-numbered paths (clue 5), meaning that i cannot be 13. So e is 13 and is the least-traveled path; since it is traveled only once, b, e, k, l is the remaining unused route.

The five odd paths can be only b, d, h, j, and m. The tally 11 is made only twice. All of b, d, h, j, and m are used more than this, so they must be (in some order) 1, 3, 5, 7, and 9, totaling 25. Therefore 11 is c or g. We know a is even, and b is odd, so c must be even, since  $a = b + c + 1$ ; therefore  $g = 11$ . One runner scored 17 (clue 1). Of the routes resulting in an odd number, all except b, e, m could not result in such a small total; therefore b and m are (in some order) 1 and 3. The greatest total (32) could only be produced from route a, h, j, k, l. The two possible path totals yielding 32, given that the amounts decrease successively (clue 2), are 12, 9, 5, 4, 2 and 10, 9, 7, 4, 2. This means k is 4 and h is 9, while d and j are (in some order) 5 and 7.

Given that  $a = b + c + 1$ , and knowing a is 12 or 10 and b is 1 or 3, c must be 10, 8, or 6. If c is 8, then the route c, g, k, l would total 25, which cannot be (since b, d, h, j, m totals 25, as noted above). If c is 10, then a is 12, b is 1, m is 3, and j is 5. This means a, h, j, m would total 29 and b, d, h, j, k, l would total 28. The latter, the six-path route, would then not be the second-highest total (clue 9). So c is not 10, it is 6. Path a is 10, b is 3, d is 5, e is 13, g is 11, h is 9, j is 7, k is 4, l is 2 and m is 1. The two remaining paths, f and i, must be 12 and 8. If i is 8, then b, d, i, l would have the same total (18) as c, g, m. So f is 8 and i is 12. In summary:

Path a = 10, b = 3, c = 6, d = 5, e = 13, f = 8, g = 11, h = 9, i = 12, j = 7, k = 4, l = 2, m = 1. The nine totals are 32, 30, 27, 25, 24, 23, 22, 18, and 17.

# 27 POUND FOOLISH

The man who gained the most was not Mr. Martin (clue 2), Mr. Nolan (clue 3), or Mr. King (4), so was Mr. Lopez. This Mr. Lopez was not Peter (clue 1), Vince (clue 2), or Stan (clue 4), so was Walt.

The gainer of seven pounds was not Betty's husband (clue 1), Dora's husband, who gained more than did two other men (clue 2), or Ida's husband (clue 4), so was Flo's husband. The gainer of five pounds, not Flo's husband, Ida's (clue 4), or Dora's (clue 2), was Betty's husband.

Betty's husband (gainer of five pounds) was not Walt, Peter (clue 1), or Vince (clue 2), so was Stan. This makes Vince the gainer of seven pounds and Peter the gainer of eight. Since Flo is married to the seven-pound gainer, she is married to Vince.

Flo's husband Vince gained less than Nolan (clue 3), so Nolan is the eight-pound gainer Peter. This makes Stan Mr. Martin and Vince Mr. King. Peter is not married to Ida (clue 4), so is married to Dora; by elimination, Ida is married to ten-pound gainer Walt Lopez.

In summary: Betty and Stan (five pounds) Martin, Dora and Peter (eight pounds) Nolan, Flo and Vince (seven pounds) King, and Ida and Walt (ten pounds) Lopez.



### 49 JOTTO ON ARES

In my guesses, the word CHIMP has two letters in common with his word. The P and I are already ruled out (by PIZZA having no letters in common), so the choices are C, H, and M, (two of those three). H and M cannot both be correct, since HARMS (with one correct letter) contains both. Similarly, C and H cannot both be correct, since CHALK (with one correct) has both. So M and C are correct. In THICK, all letters are accounted for except T, which must be correct. In LOSER, only O and E can be correct. So the five letters are M, C, T, O, and E, which can only spell COMET. His word was COMET.

In his guesses, WHIRL (with two correct letters) offers L, W, and R (two of those three). W and L cannot both be correct, since WHELP (with 1 correct) has both; and L and R cannot both be correct, since LEMUR (with one correct) has both. So W and R are correct. FLUNK can have F or K, but ROCKY rules out K. So W, R, and F are correct. At this point, all vowels have been ruled out except A. So W, R, F, and A are correct. No possible remaining consonant will yield a word except D, which makes DWARF. My word was DWARF.

### 30 STUDENTS OF LEISURE

Since the three labels in each of the four categories apply to four characters, one label per category is applied twice and the remaining two labels per category are applied once each. It follows that there are two baseball watchers and one porch-sitter, and two comic book collectors and one couch potato (clue 5)—which, in turn, implies that there is one football fan, one tennis fan, one magazine collector, one pulp fiction collector, and two coffeehouse bums. The two comic book collectors and the two coffeehouse bums are all different characters; and the coffeehouse bums are the two baseball fans (clue 2). Eazeman sleeps 10 hours a day, Don 11 hours a day, and Ken 9 hours a day (clue 1); hence, both Don, who cannot be a coffeehouse bum (clue 4), and Ron, who is not a baseball fan (clue 5), are comic book collectors; and the coffeehouse bums—baseball fans are Ken and Len. Since Len and Cheeron have no traits in common and Cheeron is not Don (clue 3), Cheeron is Ron. Sedontary, then, can only be Don—who, neither the tennis fan nor the couch potato (clue 4), is, by elimination, the football fan and the porch-sitter; and the tennis fan and couch potato is Ron. Ken, not Eazeman (clue 1), is, by elimination, Potterer; and Eazeman is Len. Ken, not the pulp-fiction collector (also clue 1), is the magazine collector; and the pulp-fiction collector is Len. Since Len Eazeman sleeps 10 hours a day (clue 1), Ron Cheeron sleeps neither 10 nor 11 hours (clue 3), and must sleep 9 hours a day.

In summary: Ron Cheeron—couch potato, tennis, comic books, 9 hours; Len Eazeman—coffeehouse bum, baseball, pulp fiction, 10 hours; Ken Potterer—coffeehouse bum, baseball, magazines, 9 hours; Don Sedontary—porch-sitter, football, comic books, 11 hours.

### 32 WHAT'S THE SCORE?

The trombonist's message read as follows: "My heart is so full of the love of your charms, I beg you, my darling, come into my arms."

The trombonist had created a simple substitution cipher, in which each note represented a different letter of the alphabet. Syphres realized that his musical knowledge would be of little use to him here. The bizarre use of sharps and flats led Syphres to conclude that, for example, A-sharp, A-flat, and A-natural should be treated as three different letters. Taking each measure to be a word, he concentrated on the two-letter words (the measures with two notes in them) and was soon able to decipher the message.

### 68 NET RESULTS

The total number of games won can be at most 40 (five sets with scores of 6-4, 6-3, 6-2, 6-1, and 6-0). The number xy cannot equal 40, since y is in the Sets Played column, and everyone must have played at least one set for 40 games to be won. So x is smaller than 4. But x cannot equal 1, since wx is in Bellini's Games Lost column, and the maximum number of losses for any player is 18. So x is 2 or 3, and w is 1.

Bellini's wx is 12 or 13. If wx is 12, then xy (Total Games Won) is a number whose first digit is 2 and whose second is 0 or 3 (since y, in "Sets Played," can be no higher than 3). But no combination of sets will yield 20 games won. So y does not equal 0. If y equals 3, then three sets must have been played, with scores of 6-3, 6-2, and 6-0. But if y in Szabo's "Sets Played" is 3, that would account for all sets (one against each player), and Bellini, with 12 losses, would have had to play two sets. So y cannot equal 0 or 3. So Bellini's xw is not 12.

Bellini's "Games Lost" number wx is 13. Then xy equals 30 or 32. This means four sets must have been played, so y, in Sets Played, cannot be 0. So xy is 32, and the four sets played were 6-4, 6-3, 6-1, and 6-0. Bellini, losing 13 games, had to play three sets: either 6-1, ?-6, ?-6 (losing the latter two), or 6-4, 6-3, ?-6 (winning the first two). If Bellini had won the 6-4 and 6-3 sets, losing the third 0-6 or 1-6, he would have 12 or 13 "Games Won." But z cannot equal 12 or 13. So Bellini won a 6-1 set and lost two sets (one each to Karpov and Duff) by scores which must be 3-6 and 0-6 (otherwise his "Games Won" total would be 10 or 13, which z cannot be). So z is 9. If Duff had beaten Bellini 6-3 and Karpov had beaten Bellini 6-0, the remaining set would be a 6-4 win by either Karpov or Duff over Szabo; in neither case could Karpov end with 3 games lost (his x in that column). So Karpov beat Bellini 6-3, and Duff beat Bellini 6-0. Finally, Duff beat Szabo 6-4. In summary:

PLAYER	S. PLAYED	S. WON	S. LOST	G. WON	G. LOST
Szabo	2	0	2	5	12
Bellini	3	1	2	9	13
Karpov	1	1	0	6	3
Duff	2	2	0	12	4
TOTALS	8	4	4	32	32

Bellini beat Szabo 6-1; Karpov beat Bellini 6-3; Duff beat Bellini 6-0; Duff beat Szabo 6-4. Duff was leading in the round-robin tournament.

### 7 COUNTRY HITS

The #1 song must drop. If it drops as many as four places, then three songs will not be able to drop a total of five places (clue 1). So #1 drops one, two, or three places. If it drops one place to #2, then #4 must drop to #5 (clue 3). Now the only song able to drop three places (to make a total of five) is #3, which must drop to #6—but if it does so, it will not remain above the original #5 song (clue 2). So #1 does not drop one place. If #1 drops two places to #3, then #4 will drop two places to #6. Now the only song able to drop one place (to make a total of five) is #3, which must drop to #4—but again, if it does this, #5 will rise above it. So #1 does not drop two places; it drops three places, swapping with #4. Now two songs must drop one place each, which can only happen if #2 goes to #3 and #5 goes to #6. To fill the remaining spots, #3 goes to #2 and #6 goes to #5.

- In summary, this week's new top six songs are:
- "She Threw Me Back Out—and I Threw My Back Out" by Merl Horton
  - "(I Want a) Long Tall Texan (to Ride My Pony Home)" by Kitty Cline
  - "(She Wore a) Honky-Tonk Halo" by Ernest Williams
  - "Plain Folks Are Just Plumb Beautiful" by Merl Horton
  - "I Don't Know Which Is Broker—His Pick-up or My Heart" by Wynonna Parton
  - "Twang Thang" by Lefty Cash

### 40 TREASURE HUNT

(See clues on page 74 for explanations.)

**Starting puzzle** Medicine chest (Pictures: medal, kiss, inch, nest)

**Bathroom puzzle** Typewriter

**Den puzzle** Shoebox in hall closet

**Closet puzzle** Laundry

**Laundry puzzle** In china cabinet

**Dining room puzzle** Top stair (Pictures: ace, bar, ram, pit, ear, car, cop, cap, one, net, ant, top, hen, van, lot, ice)

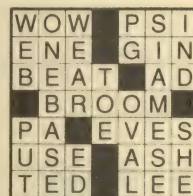
**Landing puzzle** Look up "treasure" in unabridged dictionary.

**Library puzzle** Crib (Scramble message: Take the five-letter name of the tree whose bark was frequently used by Indians making canoes. Drop the last letter; reverse the remaining four.)

**Nursery** The subsequent clue has been put under a green towel in the linen closet.

**Linen closet puzzle** Behind sofa (Division: 2,945,788 ÷ 4,741 = 621)

**Living room puzzle** Bedroom window shade (Crossword answer below)



**Bedroom puzzle** Cookie jar

**Kitchen puzzle** You can claim your prize upon locating it inside trunk in attic.

### 56 ART SCAM

The seascape is not the Monet or the Degas; it is either the van Gogh or the Renoir. The four paintings are the one found in the thermos bottle, the Renoir, the street scene, and the one sold to Sakamaya. If the seascape were the van Gogh, it could not be the one found in the thermos bottle, because the seascape was too big for the thermos bottle. Likewise it could not be Sakamaya's; he didn't buy the van Gogh. So it could be none of the four, which is impossible. Therefore the Renoir is the seascape.

Weathergill bought the painting found in the tennis-ball can. Therefore he bought either the Renoir seascape or the street scene. The other list of the four paintings is: the one found in the cast on Willie's arm, the portrait, the van Gogh, and the one sold to Melton. If Weathergill bought the Renoir seascape, he would have no place on this list, which is impossible. So Weathergill bought the street scene that was found in the tennis-ball can, and that must be the van Gogh.

Since the portrait was not bought by Cripp, Weathergill, or Melton, it must be Sakamaya's. Sakamaya's portrait was not in the cast, the thermos bottle, or the tennis-ball can; it was in the telephoto lens. Melton did not buy the painting in the cast; Cripp did, and Melton's was found in the thermos bottle.

Sakamaya's portrait was in the telephoto lens. Weathergill's van Gogh street scene was in the tennis-ball can. The Renoir seascape was too big for the thermos bottle, so it was in Willie's cast and it was Cripp's picture. The still life was in the thermos bottle and was Melton's. The Degas was not in the telephoto lens, so the Monet was, and the Degas was the still life that Melton bought.

In summary: The van Gogh street scene, bought by Weathergill, was found in the tennis-ball can; the Renoir seascape, bought by Cripp, was found in Willie's cast; the Monet portrait, bought by Sakamaya, was found in the telephoto lens; the Degas still life, bought by Melton, was found in the thermos bottle.



## 57 TRIMATE TRIBULATIONS

Of the 12 Tiberonites, four are Polar, four Polee, and four Nexus. Suppose F (Formu) is Polar, and/or F1 is true: Then H is Polar, so H2 is true, and N is Polar. Since N is Polar, N2 is true, and A is Polar. Since A is Polar, both A's statements are true; and E and L are Polar. Since only four can be Polar, this arrangement is impossible. We can conclude F is not Polar; F1 and F3 are false; and H is not Polar.

Similarly, if H2 is true, then N is Polar; therefore A is Polar, and both E and L are Polar. From E1, J would also have to be Polar. This is again impossible, and we can conclude H2 must be false; N is not Polar. P1 and P3 must be false, so P is not Polar, and C is not Polar.

We know N is not Polar. Suppose N is Nexus, with N1 and N3 true: From N1, C is Nexus; from N3, F is Nexus. If F is Nexus, F2 is true, and L is Nexus. H1 and H3 identify a fifth Nexus, whether both statements are true or both false. Since there cannot be a fifth Nexus, N1 and N3 must be false.

We now know C and F cannot be Polar or Nexus; both must be Polee. Since C2 is false, N is Polee. Since C1 is false, E1 must be false, so E is not Polar. Therefore A1 is false, and A is not Polar.

We have identified seven non-Polars: F, H, N, C, P, E, and A. The eighth is Romeov or Julien, since both can't be the same sex. By elimination, D, L, and B must be Polars. Since L is Polar, A2 is true, so A is Nexus. E2 is false, so E is the fourth Polee.

So far, C, F, N, and E are Polee; D, L, and B are Polar; and A is Nexus. From D1, Romeov must be Nexus. From E1 (false), Julien must be Polar (since Julien cannot be Nexus like Romeov). By elimination, H and P must be Nexus; H1 and H3 are true; P2 is true.

Remembering F3 is false (so Negg is a parent and Esta is a child), it is now possible to construct the families:

Family 1: Dilva (Polar), Abiron (Nexus), Formu (Polee), and Julien (child, Polar)

Family 2: Lara (Polar), Hevith (Nexus), Corgo (Polee), and Romeov (child, Nexus)

Family 3: Bandu (Polar), Polla (Nexus), Negg (Polee), and Esta (child, Polee)

Esta is Julien and Romeov's Trimate partner.

## 6 RAMPLING'S MAIDEN VOYAGE

Rambling's fifth stop, a year when antigravity shoes were invented, must have been 2000 or 2050. If it were 2050, he would have reached that year via a forward leap in time; and his very next leap, returning him to his own present, would also have been forward—a violation of the alternation of forward and backward leaps. So Rambling's fifth stop was 2000, which he must have reached via a backward leap, from 2050. As for his first stop, it could not have been 1850, because that would be a leap in excess of 200 years. Nor could it have been 1950, because his next leap (forward) would have to be 2000 or 2050—his last two stops. Therefore Rambling visited 1900 first. His only possible leap forward from there would be 1950, followed by a leap backward to 1850. So his five stops, in order, were: 1900, 1950, 1850, 2050, and 2000.

## 34 THE AFFAIR AT THE GRAND HOTEL

The victim was stabbed twice in the chest. However, she had time to grapple with the murderer, who then stabbed her once more in the back. This was clear from the police doctor's statement. Inspector Black realized, therefore, that the man he wanted would have blood on his coat. He remembered the three strangers and looked particularly closely at them. One of them, he noticed, was wearing his double-breasted coat buttoned over the wrong way—see picture 11. When he entered the hotel—see picture 2—it was buttoned over the usual way, from left to right. Clearly he had not buttoned his coat so oddly without good reason.

## 17 THE DOUBLE AGENT

Since no two persons have the same number of right answers, they have at least 0, 1, 2, 3, and 4 right answers, for a total of 10. If the most common answer in each column is correct, there are 2, 3, 2, 2, and 1 right answers, for a total of ten. So the most common answer in each column must be correct. Therefore "Hotel" and "May 1" must be right, and "9 P.M." and "Statue" must be wrong.

Either Tim or Vic is the double agent (all others having now supplied at least one right answer). Therefore "Ring" must be false, and "Film" correct. Further, either Sly or Cal identifies the double agent.

If Cal is right and Vic is the double agent, then Vic's "Noon" is wrong, and "8 P.M." is right. But that would leave both Vic and Tim with the same number (0) of right answers. So Cal is wrong and Sly is right: Tim is the double agent.

Finally "8 P.M." cannot be right, or both Vic and Tim would have no answers right. So "Noon" must be correct.

In summary: In the hotel on May 1 at noon film will be stolen. Tim is the double agent. Sly has 2 right answers, Tim 0, Cal 3, Vic 1, and Tom 4.

## 26 THE POISONED PEN

Fordney knew Wilson had been murdered because he found the room in darkness, with the dead man still gripping the pencil on the last letter of the "suicide" message! Obviously the dead man would not have been writing in the dark.

## 62 SHAKE-UP AT SHAMUS & SHAMUS

The pool of first initials and of last initials is: S, S, H, H, R, L, L, C, K, and M (10 consonants); and E, E, O, O (four vowels). Since exactly six of the 14 have double-consonant initials (clue 1), the other eight necessarily have initials consisting of one vowel and one consonant. The mail was placed by first initial, so the mail in the R, C, K, and M boxes was for Russ, Chas, Kurt, and Mel, respectively. Lee's box, which contained no package, was the lower L; and the upper L was Lew's (clue 6). Lockman, whose first initial is L (clue 1), is not Lee (clue 6) and must be Lew. O'Lerk's box is in the upper tier and not an end box; since O'Lerk's first initial cannot be E or O (another vowel), and Russ's box is right above Lee's (and Lee cannot be Loyter (clue 1)), O'Lerk's is either the H box or Chas's (clue 5). If O'Lerk is Chas, then Orbe (whose first initial cannot be O) must be Kurt—which contradicts clue 1: Hence, O'Lerk is the upper H; Loyter is the lower H; Orbe, not the upper E, is the upper S; and Ruter is the upper E (also clue 5). Since Sal's last initial is a consonant, the upper S is Sam and the lower S is Sal (clue 1). Entur's and a Shamus's boxes are two of the three lower ones to the right of Lee's: Entur—neither Sal nor an E—is Mel; and the Shamus—who cannot be Sal (again, clue 1)—is the E (clue 6). Clew, who has an upper box right above Harkin's, cannot be Chas, and can only be Russ, and Harkin is Lee; the lower O, then, not Ollie, is Ozzie; and the upper O is Ollie (clue 3). Harry, not next to Ozzie, is O'Lerk; and Loyter is Herb (clue 2). The boxes not yet assigned last names are the two O's, Sal's, Kurt's, and Chas's: Since neither an O, Kurt, nor Sal (clue 1) can have a last name starting with a vowel, Eyer can only be Chas. Erle, not the lower E (with the package), is Ruter; the lower E is Ed; Knail—an upper box and not Kurt—is Ollie; and Hooph, by elimination of upper boxes, is Kurt (clue 4). The only two names yet unaccounted for—Merk and the second Shamus (who cannot be Sal)—can only be Sal and Ozzie, respectively.

In summary, the mail was distributed as follows: Upper tier, from left to right: Sam Orbe, Harry O'Lerk, Erle Ruter, Russ Clew, Lew Lockman, Ollie Knail, Chas Eyer, Kurt Hooph. Lower tier, from left to right: Herb Loyter, Ozzie Shamus, Lee Harkin, Mel Entur, Ed Shamus, Sal Merk.

## 36 THE MONTJOY MYSTERY

1. Detective Cartwright found the Montjoy Diamond buried in the lawn at the tip of the shadow cast by the Obelisk at 10:22 A.M.

2. The hastily scrawled note found in the pocket-book of the woman arrested in Central Park read: "Dial Obelisk. 1022 A.M." Since the woman arrested in the park had been loitering near the Obelisk near which Cortez had been seen the day before (and also because a penknife was found in her purse), Detective Cartwright deduced that the mysterious notation must have been a message from Cortez involving the use of the shadow cast by the Obelisk. He interpreted it as follows: "The lawn [which acted as the dial of the Obelisk's shadow]—the Obelisk—point [...] at 10:22 A.M."

The detective realized that Cortez had not dared to write more explicit instructions to his confederate in the emergency, even at the risk of not being understood.

Cortez, when shadowed in the park, knew that he was being followed by detectives. The necessity of hiding the jewel was urgent, and the Obelisk cache occurred to him on the spur of the moment. As he sat beneath the Obelisk he noticed that the shadow which the monument cast upon the ground ended in a sharp point, and he knew that the position of the point would be practically the same the next day. Pretending to read his newspaper, but really using it as a screen, he sank his sharp stylus pencil into the loam at the tip of the shadow. Into the hole thus formed he dropped the diamond, then pressed the soil down around the top of the hole. He looked at his watch to ascertain the exact minute the tip of the shadow fell upon this spot.

Somehow he had got the message conveying this information through to a confederate, who obviously did not completely understand it, for she was loitering uncertainly in the vicinity at 11:00 the next morning without having retrieved the jewel.

At first the police had supposed that the message in the handwriting of Cortez was a garbled telephone number. However, Detective Cartwright reflected that Cortez had lain for a considerable time on the lawn beneath the Obelisk; that the time had been between 10:00 and 11:00 in the morning; and, finally, that the penknife in the woman's pocketbook might well mean that she had come equipped to dig up the jewel from the lawn. Once Cartwright had reached this conclusion he had no difficulty in recovering the diamond at 10:22 the following morning, which fortunately was sunny.

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## 66 A CASE FULL OF HOLES

Pazzaro said nothing had been touched, yet when Fordney entered the phone booth he removed the telephone receiver from the hook! Pazzaro said the dead man had dropped the receiver and clutched his stomach with both hands and fell almost out of the booth as he was killed with the machine-gun slugs.



## 28 KICKING UP A FUSS

The eight numbers of points are 3, 6, 9, 12, 15, 18, 21, and 24. For the home team's fourth-quarter score to be three times the visitor's first quarter score, the home team must have 9 or 18 in the fourth, the visiting team 3 or 6 in the first. Meanwhile the visitors must have 12, 18, or 24 in the second while the home team has 6, 9, or 12 in the third. This yields three possibilities:

VISITOR:	3	12	—	—
HOME:	—	—	6	9
VISITOR:	3	24	—	—
HOME:	—	—	12	9
VISITOR:	6	24	—	—
HOME:	—	—	12	18

Of these three, only the second gives one team more first-half points than the other. This team, the Titans (from Eric's statement) is the visitor. Of the remaining four scores (6, 15, 18, 21), only 15 (home Behemoths' second-quarter score) can have its digits added to equal another (visiting Titans') third-quarter score. This makes:

TITANS:	3	24	6	—
BEHEMOTHS:	—	15	12	9

The remaining scores are 18 and 21. If the Titans scored 21 in the fourth quarter, a tie would result. So the Titans scored 18 in the fourth quarter, and lost. Eric's team was the visiting Titans. In summary:

TITANS:	3	24	6	18	51
BEHEMOTHS:	21	15	12	9	57

## 58 BOP TILL YOU DROP

From clue 3, Dan and his partner finished either third or fourth. If fourth, there will be only three hours separating fifth place from first (clue 3), making it impossible for Chris to dance four hours fewer than Inez (clue 6). Therefore, Dan and his partner finished third; Dan is Fox and his partner is Lane; Phillips is second (clue 1).

Helen and Ernie placed higher than both third-place Dan and Al (clue 4). If Al finished second, and danced 52 hours (clue 5), Helen/Ernie would have 52, Dan 50, Evans 49, and fifth place 48, to make a four-hour difference between Chris (fifth) and Inez (second). Then, since Frances Carson danced 49 hours (clue 7), she would be paired with Evans, who by elimination of first names has to be Bob; but Bob danced with Ms. Grant or Ms. Hake (clue 2), so this alignment is impossible. Al cannot have finished second.

Al cannot have finished third (Dan Fox is third) or fifth (his 52 hours beats Frances Carson's 49), so Al finished fourth and is Evans, and Frances Carson finished fifth. Dan Fox therefore danced 53 hours, the winners and runners-up 55 hours (clue 3). For Chris to dance four hours fewer than Inez, Chris must be fifth (with Frances Carson) and Inez must be third; her last name is Lane and her partner is Dan Fox.

From clue 7, Ms. Hake finished ahead of Glenda and Ms. Baker. Hake cannot be third (Inez Lane is third) or second (Inez Lane and Frances Carson take up two of the three spots for Glenda and Ms. Baker), so Hake finished first. Now Glenda and Baker must be, in some order, second and fourth; Al, fourth, was not paired with Baker (clue 5), so Baker is second and Glenda fourth. The only woman's name remaining for Glenda is Grant; so Bob danced with Hake (clue 2), and Hake's name by elimination is Janet; Ernie (Phillips) finished second with Helen (Baker). Finally, Chris cannot be Wallace (clue 8), so he is Anderson, and Bob is Wallace.

In summary: Bob Wallace and Janet Hake finished first (55 hours); Ernie Phillips and Helen Baker finished second (55 hours); Dan Fox and Inez Lane finished third (53 hours); Al Evans and Glenda Grant finished fourth (52 hours); Chris Anderson and Frances Carson finished fifth (49 hours).

## 64 COVERING THE OUTFIELD

The 13 outfielders comprise five first-stringers each for the Fourbaggers and the Stealers (in left, left-center, center, right-center, and right fields) and three second-stringers—who are Kling for one team, and Ober and Dwayne for the other team (clue 7). The three second-stringers, who made the only substitutions they could make in the seventh inning (clue 7), were replacing first-stringers and played in those positions for the rest of the game. Of the six girls, at most two played for the Stealers (clue 1) and at least one of these was replaced in the seventh inning; hence, the five fielding together in the eighth inning—which included at least two girls (clue 4)—must be the Fourbaggers. After substitutions, the Fourbaggers had Ms. Cline, Sparks, Nan, Xerxes, and Inman in left, left-center, center, right-center, and right fields, respectively (clue 4): since Kling was then in left field, Kling must be a Stealer (and Pru their first-string left fielder) and Ober and Dwayne both Fourbaggers (clue 7). Since the second-stringers are all boys (clue 1), of the five in clue 4, Ober can only be Xerxes. The players of left and right field—whose last names alphabetically precede those of all players of left-center, center, and right-center fields (clue 2)—include Kling (alphabetically sixth) and number at least six: since second-string Ober plays right-center field, the left- and right-field players are exactly six (Ahrens, Cline, Ensley, Grimm, Inman, and Kling) and comprise the two starters for each team and the two substitutes Dwayne and Kling. Dwayne, then, is Inman (clue 4)—who replaced, not Ms. Quint (al-

phabetically one of the center fielders), but Rex, and Ms. Quint was replaced by Xerxes (clue 7). The Fourbaggers' starters were, then, from left to right field: Ms. Cline, Sparks, Nan, Ms. Quint, and Rex. The one who replaced Flo can only be Xerxes: hence Flo is Ms. Quint; Xerxes played only right-center field, and Dwayne and Kling each played both left and right field (clue 8). The Fourbaggers' starters include at least four girls (clue 1), so Sparks is a girl and Zach (with Tina and Ensley) is a Stealer (clue 5). Grimm (alphabetically not the center fielder) is Rex and Ensley the Stealers' right fielder; Mason is Nan and Tina the Stealers' center fielder; and, by elimination, Jenny and Zach are Sparks and the Stealers' left-center fielder, respectively (clue 5). By elimination, Cline is Bea and Ahrens (alphabetically) is Pru. Lance, neither Kling nor Ensley (clue 3), is, by elimination, the Stealers' right-center fielder. Hank, not Kling (clue 7), is Ensley; so York is Lance and Usher is Tina (clue 6). By elimination, Vince is Kling and Weeks is Zach.

In summary:

**Fourbaggers:** Starters are Bea Cline (left field), Jenny Sparks (left-center field), Nan Mason (center field), Flo Quint (right-center field), Rex Grimm (right field); the substitutes are Dwayne Inman (right or left field) and Xerxes Ober (right-center field).

**Stealers:** Starters are Pru Ahrens (left field), Zach Weeks (left-center field), Tina Usher (center field), Lance York (right-center field), Hank Ensley (right field); the substitute is Vince Kling (right or left field).

## 31 THE PERILS OF THE SEA

The crewmen who were turned into the wolf, bear, and lion were each followed by at least two others (clues 4, 1, and 2), so they must be first, second, and third (perhaps not respectively).

Suppose the wolf is third: Then the Corinthian is fourth and Medon is fifth (clue 4). The lion and bear must then be first and second. If the bear is second, then the Athenian must be third and Diomed fourth (clue 1), leaving no place for the Ithacan to follow Zethus after the lion. If the wolf is third and the lion is second, then Zethus and the Ithacan must be fourth and fifth (clue 2). The bear must now be first, so the Athenian can only be second and Diomed third (clue 1). But this makes Diomed the wolf, whereas Diomed is either the lion or the tiger (clue 3). So if the wolf were third, the lion and bear couldn't be first and second in either order, so the wolf isn't third.

If the wolf is second, the Corinthian is third and Medon fourth (clue 4). Then if the lion were third, Zethus would have to be fourth and the Ithacan fifth (clue 2). But, from above, Medon is fourth. So if the wolf is second, the lion must be first and the bear third. But then the Athenian and Diomed, coming after the bear (clue 1), must be fourth and fifth respectively, and this leaves no place where Zethus and the Ithacan can follow the lion without other crewmen intervening, as clue 2 requires. So the wolf cannot be second, or the lion and bear could not be first and third.

## 21 HOOPING IT UP

Kareem scored only two points (clue 4). This must be the lowest number scored by any player, or it will be impossible for the five scores to total 59 (clue 2 and clue 6). Therefore Kareem wore #13.

#13 Kareem's two points were not doubled by the players in clue 2, so of the four players besides Kareem, two had scores doubled by two of the others. One of these players scored seven points (clue 3), so somebody scored 14. Of the remaining 36 points (59 - 14 - 7 - 2 = 36), one score must be twice another; so one player had 12 and another 24.

Players with scores twice as high as teammates' were Akeem and Patrick, whose totals were, in

Therefore the wolf must be first. This puts the Corinthian second and Medon third. Since the lion cannot be earlier than second, and Zethus and the Ithacan follow the lion one after the other (clue 2), and Medon is third, Zethus must be fourth and the Ithacan fifth.

Diomed follows the bear (clue 1), and the bear isn't first; the third and fourth positions are known not to be Diomed's, so Diomed is fifth.

The tiger comes after the lion, and one of them is Diomed (clue 3). Since Diomed is last, he must be the tiger. So the Locrian is the lion (clue 3). Thus the lion isn't second, for the Corinthian is; hence the lion is third, and the bear second. This leaves the panther in the fourth place.

The Athenian comes after the bear and before Diomed (clue 1); the bear is second, Diomed fifth, and third is the Locrian (i.e., the lion). Thus the Athenian is fourth. This leaves the Eleusian the first place.

Orthaeus and Glaucus are left for the first and second positions. Orthaeus is not the bear (clue 3), who is second, so Orthaeus is first and Glaucus second.

In summary, from first to last: Orthaeus the Eleusian was turned into the wolf; Glaucus the Corinthian was turned into the bear; Medon the Locrian was turned into the lion; Zethus the Athenian was turned into the panther; Diomed the Ithacan was turned into the tiger.

some order, 14 and 24, and whose numbers were, in some order, #19 and #24. If Patrick had 14 points, then #33 would have seven points (clue 2)—but #27 had seven points (clue 3). Therefore Patrick had 24 points and wore #19 (clue 5); Akeem had 14 points and wore #24; #33 had 12 points and was Larry by elimination; and Isiah had seven points and wore #27.

In summary:

Kareem (#13) had 2 points; Patrick (#19) had 24 points; Akeem (#24) had 14 points; Isiah (#27) had 7 points; and Larry (#33) had 12 points.



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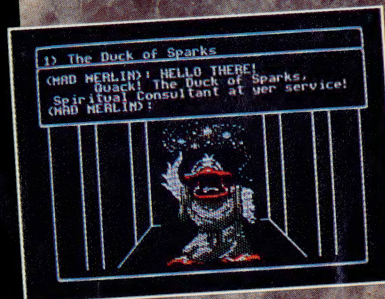
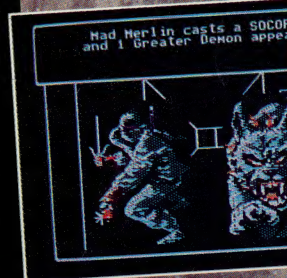
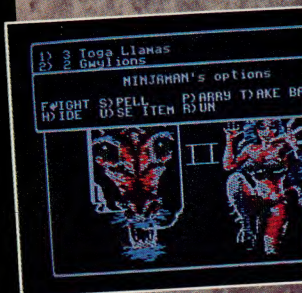
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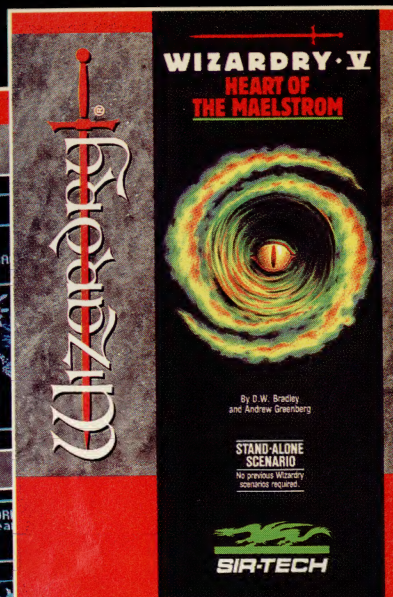


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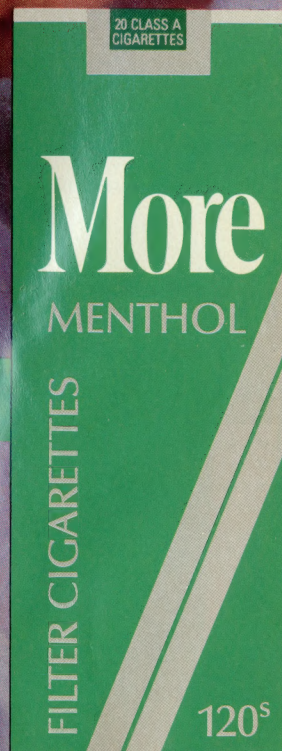


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